GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 282.

[First Publication.]

EASTERN ARCHIPELAGO—BORNEO, NORTH-WEST COAST.

Particulars of Pine point and Iris shoals.

THE British Admiralty has given notice (No. 615 of 1901) of the existence of a coral patch outside Pine point shoals, and also particulars of Iris shoal, as follows:—

(*a*) A coral patch with a depth of 1¾ fathoms over it exists about three-quarters of a mile outside the outer Pine point shoals, and is situated with Mount Nosong bearing No. 68° E., distant 9 3/10 miles, and 450-foot summit S. 12° E.

Approximate position, lat. 5° 33′ N., long. 115° 26½′ E.

(*b*) Iris shoal, the position of which is correctly shown on the Charts, is a coral patch about a quarter of a mile in extent, east and west, with a least depth over it of 3 fathoms, on the eastern extreme of the shoal; there are depths of from 10 to 13 fathoms close to on all sides of this shoal.

Approximate position, lat. 5° 30¾′ N., long. 115° 21′ E.

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—Nosong point to Ambong bay No. 2111; Barram point to Nosong point, No. 2109: Also, China Sea Directory, vol. II, 1899 page 166.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 30th September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 283.

[First Publication.]

AUSTRALIA—NEW SOUTH WALES, EAST COAST.

Evan's Head—Rock to the southward.

THE British Admiralty has given notice (No. 616 of 1901) of the existence of a rock about one cable long and half a cable wide with a least depth of 1½ fathoms over it at low-water springs, between North Evans reef and the coast: it is situated with Evan's Head bearing North, distant 13 cables, and Sand patch N. 75° W.

Approximate position, lat 29° 9′ S., long. 153° 28½′ E.

This rock does not break in ordinary weather.

(*Variation 9° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—Coffs island to Evan's head, No. 1027; Evan's head to Danger point, No. 1028: Also Australia Directory, vol. II, 1898, page 111.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 30th September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 284.

[First Publication.]

JAPAN—YEZO, WEST COAST.

Siru unku bay—Rock.

THE British Admiralty has given notice (No. 619 of 1901) of the existence of a rock with a depth of one fathom over it in Siru unku bay, from which cape Okamoua bears N. 30° W., distant 9½ miles, and Benkei misaki S. 48° W.

Approximate position, lat. 43° 2¾′ N., long. 140° 30′ E.

There is a rocky patch of 3½ fathoms about a quarter of a cable to the southward of the above rock.

(Variation 6° Westerly in 1901.)

This Notice affects the following Admiralty Chart:—Yezo island No. 452: Also China Sea Directory, vol. IV, 1894, page 578; and Supplement, 1898, page 32.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 30th September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 285.

[First Publication.]

KOREA, WEST COAST—SEOUL RIVER.

Shoals in approach.

THE British Admiralty has given notice (No. 620 of 1901) of the existence of the following shoals in the northern approach to Seoul river:—

a. A shoal, with a depth of 2½ fathoms over it, situated with Shoyonphyon Do bearing N. 70° E., distant 14¾ miles.

b. A shoal, with a depth of 2 fathoms over it, situated with Shoyonphyon Do bearing N. 34° E., distant 14½ miles.

c. A shoal, with a depth of 3 fathoms over it, situated with Shoyonphyon Do bearing N. 28° E, distant 15¼ miles.

Approximate position, Shoyonphyon Do lat. 37° 36½′ N., long. 125° 42½′ E.

(Variation 4° Westerly in 1901.)

This Notice affects the following Admiralty Charts:—Pe chili and Liau tung gulf, No. 1256; Approaches to Seoul, No. 1258; Also, China Sea Directory, vol. IV, 1894, page 51.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 30th September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 286.

[First Publication.]

AUSTRALIA—QUEENSLAND.

Port Curtis—Rich-rock buoy replaced by light boat.

THE British Admiralty has given notice (No. 625 of 1901) that the buoy marking Rich rock, moored about 5½ cables northward of Barney point, port Curtis, has been replaced by a light-boat, painted red, and exhibiting a *white fixed* light.

Approximate position, lat. 23° 50′ S., long. 151° 16½′ E.

This Notice affects the following Admiralty Charts:—Sandy cape to Keppel islands, No. 345; port Curtis, No. 1900: Also, Australia Directory, vol. II, 1898, page 183; and Supplement, 1900, page 9.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 30th September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 287.

[First Publication.]

CHINA SEA—PESCADORES.

Round island—Shoal reported.

THE British Admiralty has given notice (No. 628 of 1901) that a shoal, with an estimated depth of 3 fathoms over it, is reported to exist at a distance of about a quarter of a mile S. 16° E. from Round island, Ponghau island, Pescadores.

Approximate position, lat. 23° 32½′ N., long. 119° 42¾′ E.

As this shoal was not examined, P.D. has been placed against it on the Chart.

(*Variation Nil in 1901.*)

This Notice affects the following Admiralty Chart:—Pescadores island, No. 1931: Also, China Sea Directory, vol. III, 1894, page 217; and Supplement, 1898, page 18.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 30th September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 288.

[First Publication.]

JAPAN—SKIKOKU, WEST COAST.

Uwajima bay—Rock.

THE British Admiralty has given notice (No. 629 of 1901) of the existence of a rock, [illegible] yards in extent N.E. and S.W., named Ushigase, with a depth of 3 feet over it in Uwajima bay, situated with the south extremity of Kushima bearing N. 78° W., distant 3 cables, and the eastern extreme of the same island N. 41° E.

Aproximate position, lat. 33° 13′ N., long 132° 31′ E.

(*Variation 4° Westerly in 1901.*)

This Notice affects the following Admiralty Charts:—Bungo channel, No. 651; Uwajima bay, No. 2877: Also, China Sea Directory, vol. II, 1894, page 248; and Supplement, 1898, page 14.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 30th September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 289.

[First Publication.]

AUSTRALIA, SOUTH—PORT ADELAIDE.

Wonga shoal Bell buoy withdrawn.

WITH reference to Notice to Mariners No. 115, dated the 22nd April 1901, issued by this office, the British Admiralty has given further notice (No. 632 of 1901) that the bell buoy which was formerly moored half a cable to the northward of Wonga shoal extremity has been withdrawn.

Approximate position, lat. 34° 50½′ S., long. 138° 27′ E.

This Notice affects the following Admiralty Charts:—St. Vincent gulf, &c., No. 2389a, b; Port Adelaide, Nos. 1752, 1750; Also Australia Directory, vol. I., 1897, page 326.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 30th September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 290.

[First Publication.]

CHINA SEA—PALAWAN ISLAND, NORTH-EAST COAST.

South Passage island.—Shoals to the north-west and south-east.

THE British Admiralty has given notice (No. 636 of 1901) of the existence of the following shoals off the north-east coast of Palawan island:—

(*a*) A coral shoal, with a depth of 1½ fathoms over it, situated with the north point of South Passage island bearing S. 70° E., distant 2 miles and south-western extremity of Iguano island, S. 65° W.

Approximate position, lat. 10° 58½′ N., long 119° 40′ E.

(*b*) A shoal of coral and sand, with a depth of 3 fathoms over it, about 2 miles in extent, situated with Snake rock bearing S. 65° W., distant 5 miles.

Approximate position, lat. 10° 56′ N., long. 119° 45½′ E.

(*Variation 1° Easterly in 1901.*)

This notice affects the following Admiralty Charts:—Molucca passage to Manila, No. 943; China Sea, No. 2660b; Palawan island, No. 967; Also, China Sea Directory, vol. II, 1899, pages 282, 283.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 30th September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 291.

[First Publication.]

JAPAN, SOUTH-EAST COAST—SAGAMI URA.

Atami anchorage—Rocky patches reported.

THE British Admiralty has given notice (No. 637 of 1901) that the two undermentioned rocky patches are reported to exist in Atami anchorage:—

(*a*) A rocky patch, named Bitagane, with a depth of from 6 to 8 fathoms over it situated with Uwomi saki summit (820 feet) bearing S. 70° W., distant 6 cables, and Biobu iwa S. 11° E.

(*b*) A rocky patch, named Sodaine, with a depth of from 3 to 8 fathoms over it, situated with Uwomi summit (820 feet) bearing N. 77° W., distant 6 cables, and Boibu iwa S. 13° E.

Approximate position, lat. 35° 5′ N., long. 139° 5′ E.

(*Variation 4° Westerly in 1901.*)

This Notice affects the following Admiralty Chart:—Omai saki to Tsurugi saki, No. 953; Also, China Sea Directory, vol. IV, 1894, page 295; and Supplement, 1898, page 15.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 30th September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 292.

[First Publication.]

EASTERN ARCHIPELAGO—CELEBES, EAST COAST.

Nipa Nipa point—Non-existence of shoal to the north-east.

THE British Admiralty has given notice (No. 641 of 1901) that the shoal reported to be situated about 11½ miles N. 43° E. from Nipa Nipa point has been unsuccessfully searched for.

Approximate position, lat. 3° 47′ S., long. 122° 47′ E.

This shoal, the existence of which has generally been considered doubtful, has therefore been erased from the Charts.

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty Charts :—Eastern Archipelago, No. 942a ; plan of Wowoni strait on No. 2196 : Also, Eastern Archipelago, part II, 1893, page 360 ; and Supplement, 1899, page 57.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
CALCUTTA, *the 1st October 1901.* *Asst. Secy., Marine Department.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 293.

[First Publication.]

CHINA SEA—CARIMATA STRAIT.

Dangers in south-east part—Non-existence of Stephan and Townsend reefs.

THE British Admiralty has given notice (No. 645 of 1901) of the existence of the following dangers and of an unsuccessful search for the Stephan and Townsend reefs in the south-east part of Carimata strait :—

(*a*) A shoal of hard sand about 4 miles long south-east and north-west, and about half a mile wide, within the 5-fathom contour line, and with a least depth of 1½ fathoms over it, about one mile from its south-eastern extremity, situated 21 miles S. by W. from Sambar point.

Approximate position, south-eastern extremity, lat. 3° 21′ S., long. 110° 16′ E.

This shoal is steep-to on its south-eastern and the middle of its north-eastern sides.

(*b*) A shoal of hard sand about 2½ miles long, N.N.W. and S.S.E., and half a mile wide, within the 5-fathom contour line, with a least depth of 2½ fathoms about one mile from its south-eastern extremity.

Approximate position, south-eastern extremity, lat. 3° 24¼′ S., long 110° 17¾′ E.

This shoal is steep-to on its southern side.

Between the above two shoals (*a*) (*b*) there is a depth of from 6 to 9 fathoms.

(*c*) A bank of hard sand about 5 miles long, east and west, and 1½ miles wide, with depths over it of from 4 to 7 fathoms.

Approximate position, eastern extremity, lat. 3° 34′ S., long. 110° 17¾′ E.

This bank is steep-to on the south-western and southern sides.

(*d*) A shoal of hard sand with a depth of 4½ fathoms in lat. 3° 35¼′ S., long. 110° 17¼′ E.

This shoal was not examined.

The following shoals were unsuccessfully searched for :—

(1) A shoal with a depth of 4¾ fathoms over it in lat. 3° 34½′ S., long. 110° 13′ E., a depth of 20 fathoms being obtained over the assigned position.

(2) Stephan reef, said to be situated in about lat. 3° 7′ S., long. 109° 17′ E., on which a German vessel of that name is reported to have struck in 1884.

(3) Townsend reef, which was placed on the Chart in lat. 3° 0½′ S., long. 109° 5′ E., on a report as having been seen by the Master of the British S.S. *Galley of Lorne.*

The above three reefs have been erased from the Charts, as their existence has always been considered doubtful, and the result of these and previous searches have proved alike futile.

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty Charts :—Eastern Archipelago, No. 941a ; Carimata strait, No. 2160 : Also, Eastern Archipelago, part II, 1893, pages 293, 294 ; and China Sea Directory, vol. I, 1896, pages 478, 479.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
CALCUTTA, *the 1st October 1901.* *Asst. Secy., Marine Department.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 294.

[First Publication.]

CHINA SEA—PALAWAN.

Port Royalist—Light re-exhibited—Buoy.

WITH reference to Notice to Mariners No. 103, dated the 19th May 1899, issued by this office, the British Admiralty has given further notice (No. 655 of 1901) that the light on Tide Pole (Saboruco) point has been re-exhibited.

Tide Pole point light, *white fixed*, is shown from a white tower, attached to the keeper's dwelling, at an elevation of 43 feet above high water, and is visible from a distance of about 10 miles.

Approximate position, lat. 9° 43′ N., long. 118° 43′ E.

Also, that the shoal, situated 11½ cables to the north-westward of Tide Pole point, has been found to be about one cable in extent, and is now marked by a barrel buoy, painted in red and black horizontal stripes, moored on its south-eastern edge in a depth of 6 feet.

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty Chart:—Port Royalist, No. 2914: Also, List of Lights, part VI, 1901, page 96; China Sea Directory, vol. II, 1899, pages 271, 272; and Supplement, 1901, relating to that work, pages 8, 9.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 1st October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 295.

[First Publication.]

CHINA—CANTON RIVER.

Chart No. 1782 cancelled.

THE British Admiralty has given notice (No. 657 of 1901) that Chart No. 1782, Canton river, sheet 1, Lantau island to Lankit island, being no longer a safe guide for the navigation of the river, is cancelled, and should therefore be destroyed.

It is not at present intended to issue a new edition of this Chart, as it is considered that the smaller scale charts are sufficient for all practical purposes.

This Notice affects China Sea Directory, vol. III, 1894, pages 87, 88 (footnote).

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 1st October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 296.

[First Publication.]

JAPAN, SOUTH COAST.

Bungo channel—Light established on Jizo Saki.

THE British Admiralty has given notice (No. 658 of 1901) that, on or about 20th July 1901, a *white group flashing* light, having a power of 22,700 candles, would be exhibited from a lighthouse recently erected on Jizo Saki on the western side of Bungo channel.

Jizo Saki light shows *three flashes* at an interval of *eight seconds*, followed by an eclipse of *twelve seconds*, it is elevated 225 feet above the sea, and visible from the bearing S. 82° E., through south, west and north, to N. 3° E., from a distance of 21 miles in clear weather.

The lighthouse is of iron, cylindrical in form, painted white, and is 25 feet in height from the base to the centre of the lantern.

Approximate position, lat. 33° 16′ N., long. 131° 54′ E.

(Variation 4° Westerly in 1901.)

This Notice affects the following Admiralty Charts:—Van Diemen strait to Oö Sima, No. 1648; S to Uchi or Inland Sea, No. 2875; Bungo channel, No. 651: Also, List of Lights, part VI, 1901, No. 861a; and China Sea Directory, vol. IV, 1894, page 247.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 1st October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 297.

[First Publication.]

PACIFIC OCEAN—PHILIPPINE ISLANDS—SAMAR.

Kanahauan and Libukan islands—Reefs.

WITH reference to Notice to Mariners No. 114, dated 22nd April 1901, issued by this office, the British Admiralty has given further notice (No. 659 of 1901) that No. 206 of 1901, reporting the existence of a reef awash in lat 11° 51½′ N., long. 124° 39′ E., between Kanahauan and Libukan islands, Chart No. 2987, was not quoted as being affected. It is affected by that Notice, and should be amended accordingly.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 1st October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 298.

[First Publication.]

CHINA—GULF OF PE CHILLI.

Taku approach—Wreck removed.

WITH reference to Notice to Mariners No. 199, dated 22nd April 1901, issued by this office, the British Admiralty has given further notice (No. 660 of 1901), that the Lighter sunk with Taku light-vessel bearing N. 81° W., distant 4 miles, has been blown up, and the black spar buoy removed.

Approximate position, lat. 38° 54½′ N., long. 117° 56½′ E.

This Notice affects the following Admiralty Chart:—Li tsin ho to Ning hai, No. 598: Also, China Sea Directory, vol. III, 1894, pages 609, 611.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 1st October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 299.

[First Publication.]

BAY OF BENGAL, BURMA COAST—GULF OF MARTABAN.

Rangoon River entrance—Lights to be carried by pilot vessels.

THE following Notice to Mariners, dated 24th September 1901, issued by the Port Officer, Rangoon, is republished for general information :—

The Port Commissioners, Rangoon, have given notice that from 1st November 1901 the pilot vessel *Guide* will, at night time, show the following lights whilst at anchor :—

(1) A white light forward at the fore topsail yard arm 43 feet above the deck.

(2) Another such light at the stern of the vessel 15 feet lower than the forward light.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 5th October 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 267.

[Third Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

Kurnafully river—Depth of water in the channels.

THE Port Officer, Chittagong, has given notice that the following depth of wa was found in the river channels by soundings taken on the 16th September and redu to zero :—

	FT.	IN.
Track No. 1—Outer bar—		
Disc on diamond	10	0
Track No. 2—Inner bar—		
Disc on diamond	10	6
Track No. 3—		
Tripod on cross and ball	9	0
Track No. 4—		
Triangle on mast with white and black casks	22	0
Track No. 5—Guptakhali crossing—		
Tripod and diamond	21	0

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 21st September 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 268.

[Third Publication.]

BAY OF BENGAL—ORISSA COAST.

Outer Spit buoy replaced.

WITH reference to Notice to Mariners No. 259, dated the 9th instant, issued by this office, the Port Officer of the Cuttack and Balasore ports has given further notice that the Outer Spit buoy at False Point has been replaced in former position, 20 feet reduced, Hukitola flagstaff bearing south, magnetic.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 21st September 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 269.

[Third Publication.]

AUSTRALIA, SOUTH—CAPETOWN TO GRANGE.

Telegraph cable.

WITH reference to Notice to Mariners No. 183, dated the 10th June last, issued by this office, the Secretary, Marine Board, Port Adelaide, has given notice (No. 19 of 1901) that the buoy which was placed in a position W. ¼ N. from Cape Borda, distant twenty-four (24) miles, in lat. 35° 42′ 30¼″ S., long. 136° 6′ 45″ E., to mark the end of the telegraph cable is reported as being adrift and having been seen on the 13th instant off Cape Bedoubt, Kangaroo Island, which bore N.N.E., distant (3) miles

Steps will be taken to recover and replace the buoy as early as possible.

This affects Admiralty Chart No. 2389a.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 21st September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 270.

[Third Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

Kurnafully river.

[illegible] Port Officer, Chittagong, has given notice that the Seeljarna small Cask buoy is [illegible] in 4 feet of water.

[illegible] marks, cross and ball and tripod, there is only 10 feet reduced: by keeping the marks a little open, viz., cross and ball, to the eastward of the tripod, 22 feet will be found in the track.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 28rd September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 271.

[Third Publication.]

INDIA, WEST—BOMBAY (GOA) COAST.

Aguada light re-exhibited.

WITH reference to Notice to Mariners No. 181, dated the 5th June 1901, issued by this office, a telegraphic communication has been received from the Chief Secretary to the Governor-General of Goa, Portuguese India, that from the 1st October 1901, the Aguada light will recommence to work in its rotatory motion.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 23rd September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 272.

[Third Publication.]

INDIA, SOUTH—CEYLON COAST.

Colombo harbour—Additional Time signal.

WITH reference to Notice to Mariners No. 186, dated the 8th September 1898, issued by this office, the British Admiralty has given further notice (No. 593 of 1901) that the semaphore time signal at the Master Attendant's Office is dropped daily (Sundays and public holidays excepted) at 20 hours 15 minutes, Madras mean time (20 hours 13 minutes 23 seconds local mean time), equivalent to 14 hours 54 minutes 0·6 seconds, Greenwich mean time, as well as at 4 hours 15 minutes, Madras mean time.

Approximate position, lat. 6° 56′ 35″ N., long. 79° 50′ 35″ E.

This Notice affects the following Admiralty Charts:—Ceylon, South Coast, No. 813; Colombo harbour, No. 914: Also, List of Time Signals, 1901, No. 26; and West Coast of Hindustan Pilot, 1898, page 98; and Bay of Bengal Pilot, 1892, page 49.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 23rd September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 273.

[Third Publication.]

CHINA, EAST COAST—YUNG RIVER.

Ning po—Reef reported to the eastward.

THE British Admiralty has given notice (No. 594 of 1901) that a reef is reported to exist at a distance of about 25 yards from the north bank of the river Yung between Chinhai and Ning po; from the position given Jung shan (mountain) bears S. 64° E., distant 2 3/16 miles.

Approximate position, lat. 29° 53¾′ N., long. 121° 37½′ E.

(*Variation 2° Westerly in 1901.*)

This Notice affects the following Admiralty Chart:—Yung river, No. 1592: Also, China Sea Directory, vol. III, 1894, page 393.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 23rd September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 274.

[Third Publication.]

PACIFIC OCEAN—THE PHILIPPINES—SAMAR ISLAND.

Katbalogan—Pamuntangan beacon destroyed.

WITH reference to Notice to Mariners No. 163 (3), dated 25th May 1901, issued by this office, the British Admiralty has given further notice (No. 597 of 1901) that the beacon marking Pamuntangan reef has disappeared; it has therefore been erased from the Chart.

Approximate position, lat. 11° 46¼′ N., long. 124° 52′ E.

The beacon marking Lutao reefs is still in position.

This Notice affects the following Admiralty Charts:—San Pedro bay to Libukan islands, No. 2987; Katbalogan bay on sheet No. 1622: Also, Eastern Archipelago, part I, 1890, page 330.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

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C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 23rd September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 275.

[Third Publication.]

PACIFIC OCEAN—THE PHILIPPINES—MINDANAO, SOUTH COAST.

Rio Grande approach—Shoal reported.

THE British Admiralty has given notice (No. 598 of 1901) of the existence of a shoal, with a depth of 4 fathoms over it, composed of coral and sand, three cables long and one cable wide, and parallel to the coast in the approach to Rio Grande de Mindanao, situated approximately in lat. 7° 10′ N., long. 124° 3′ E.

There is a deep water channel between this reef and the coast.

This Notice affects the following Admiralty Charts :—Molucca passage to Manila, No. 943 ; Celébes sea, No. 2575 : Also, Eastern Archipelago, part I, 1890, page 363.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 23rd September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 276.

[Third Publication.]

PACIFIC OCEAN—THE PHILIPPINES—BOHUL ISLAND, NORTH COAST.

Reefs.

THE British Admiralty has given notice (No. 599 of 1901) of the existence of the undermentioned dangers off the north coast of Bohul island :—

a. Midway between the coast of Bohul, and the centre of the south coast of Majanay island, is a coral head, about 20 yards in extent, steep-to, with a depth of 5 feet over it at low water and 10 fathoms around ; it has been placed on the Chart in lat. 10° 10′ N., long 124 13¾′ E.

This reef is difficult to distinguish at all times.

b. Reefs extend from Tabiki point much farther out than shown on the Chart, and there is a depth at half tide of 5 feet only between that point and Jau island.

c. There is a reef, with a depth of 2 fathoms over it, situated at a distance of half a mile south-westward from Makaina island.

d. There is no passage between Saac and Sagasai islands.

CAUTION.—The water along the north coast of Bohul is usually muddy, so that the reefs and shoals are not readily distinguished.

This Notice affects the following Admiralty Chart :—Sulu or Mindoro sea, No. 2578 : Also Eastern Archipelago, part I, 1890, page 263.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 23rd September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 277.

[Third Publication.]

PACIFIC OCEAN.

Breakers reported.

THE British Admiralty has given notice (No. 600 of 1901) that information has been received, dated 27th July 1901, that Mr. P. M. Stokkebye, Master of the schooner *Honolulu*, states that on 28th April 1901, he saw breakers at a distance of about 2 miles, which he places in lat. 7° 33′ N., long 153° 42′ W.; the sea was also seen to break at a distance of about three-quarters of a mile from this position, the weather being clear and the sea smooth at the time.

The words "Breakers reported" have been placed on the Admiralty Charts in the above position.

This Notice affects the following Admiralty Charts :—Cape Corrientes to Kadiak island, No. 787 ; Pacific ocean, No. 782 ; Hawai to 6° 15′ N., No. 3102 : Also, Pacific islands, vol, III, 1900, page 189.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 23rd September 1901.*

APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, OCTOBER 16, 1901.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 300.

[First Publication.]

AUSTRALIA—KEPPEL ISLAND.

Position of Sykes rock off Great Keppel island.

THE Acting Port Master, Brisbane, has given notice (No. 17 of 1901) that the correct position of Sykes Rock has been ascertained to be about 2½ cables south-west from the approximate position assigned to it on Chart No. 363.

Chart No. 363, and Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 11th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 301.

[First Publication.]

AUSTRALIA.

North channel—Entrance to Moreton bay.

THE Acting Port Master, Brisbane, has given notice (No. 18 of 1901) that the No. 5 Black Buoy, North Channel, has been moved ¾ of a cable eastward, and is now on the line of lights (Cowan Cowan and Tangaluma).

The 16-feet patch, the western end of which has hitherto been marked by the buoy, extends from the present position of the buoy ¾ of a cable westward.

By night vessels will proceed as hitherto.

By day vessels should pass not less than 2 cables to the westward of the buoy.

Charts affected—Nos. 1670, 1029, 1068; and Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 11th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 302.

[First Publication.]

PACIFIC OCEAN—TUAMOTU OR LOW ARCHIPELAGO.

Fakarara island—(1) Light established at Rotoava—Non-existence of Pyramid.

THE British Admiralty has given notice (No. 665 of 1901) that a *red fixed* light is now shown from a pole, 30 feet in height, situated about 50 yards N. 49° E. from the shore end of the pier at Rotoava.

Approximate position, lat. 16° 2′ 30″ S., long. 145° 38′ 30″ W.

The white pyramid near this position no longer exists.

(2) Shoal—amended position.

Also, that the shoal, with a depth of 5 feet over it, marked on the Chart as lying S. 41° W., one mile from the site of the White Pyramid, is situated 7 cables S. 18° W. from it, or 4 cables further eastward than previously charted.

(3) Beacons, &c., in approach to Rotoava.

Also, with regard to the beacons and buoy marking the shoals in the approach to Rotoava—

(*a*) The two white beacons formerly marking the Poniu reef no longer exist.
Approximate position, lat. 16° 4′ 15″ S., long. 145° 43′ 30″ W.

(*b*) The reef Togamaitu-i-tai is now marked by a white beacon on its western end; the two red beacons formerly marking it no longer exist.

(*c*) The two red beacons formerly marking Togamaitu-i-uta reef no longer exist.

(*d*) The 8-feet patch, lying 8 cables to the northward of Togamaitu-i-uta reef, formerly marked by a black buoy, is now marked by an iron pole surmounted by a white cylinder.

(*e*) The Tapaeroa reef is now marked at its north-western end by a pole surmounted by a ball, instead of by a red beacon as formerly.

(*Variation 7¾° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—North Passage to Rotoava, on Sheet, No. 1175: Also, List of Lights, part VII, 1901, page 90; and Pacific islands, vol. III, 1900, pages 133, 134.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 11th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 303.

[First Publication.]

CHINA SEA—TONG KING GULF.

Kua nam Trieu—Buoy removed—Beacon and buoys established.

WITH reference to Notice to Mariners No. 344, dated 29th December 1900, issued by this Office, the British Admiralty has given further notice (No. 668 of 1901) that the green conical buoy marking the position formerly occupied by the pile lighthouse on the bar of the Kua nam Trieu has been withdrawn, and that the undermentioned marks have been established:—

1. A square beacon, consisting of iron piles, painted black and surmounted by a pyramidal framework with cylindrical topmark, the top of which is 26 feet above high water, has been erected on the south-eastern extremity of the sandbank extending from Dinh Vu island.
Approximate position, lat 20° 44′ 40″ N., long. 106° 51′ 30″ E.

2. Four iron conical buoys, each painted red and surmounted with staff and cone, have been moored in a direction parallel to, and 400 feet to the north-eastward of, the line of the leading lights over the bar—

(*a*) The outer buoy (No. 2) is moored off the bar in a depth of 21 feet.
Approximate position, lat 20° 42′ 30″ N., long. 106° 55′ 50″ E.

(*b*) The second buoy (No. 4) is moored in a depth of 16 feet, 1$\frac{4}{10}$ miles N. 60° W. from the outer buoy, in the position formerly occupied by the pile lighthouse.

(*c*) The third buoy (No. 6) is moored on the shoalest part of the bar, $1\frac{4}{10}$ miles N. 60° W. from No. 4 buoy.

(*d*) The fourth buoy (No. 8) is moored in 16 feet $1\frac{3}{10}$ miles N. 60° W. from No. 6 buoy.

It is proposed to dredge a channel through the bar between the positions of buoys Nos. 4 and 8.

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty charts:—Kua Lacht to Kao Tao shan islands, No. 1965; Approaches to Haifong, No. 775: Also, List of Lights, part VI, 1901, No. 685a; China Sea Directory, vol. II, 1899, page 445; and Supplement, 1901, relating to that work page 16.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 11th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 304.

[First Publication.]

AUSTRALIA—TORRES STRAIT.

Reefs near Banks and Jervis islands.

THE British Admiralty has given notice (No. 669 of 1901) that the Master of the owner *Tarawa* reports the existence of the undermentioned dangers in Torres strait:—

(*a*) A reef, about half a cable in extent, with a depth of 6 feet over it, situated in Banks channel to the south-westward of Banks island, with Gibbes head bearing N. 84° E., distant $1\frac{4}{10}$ miles, and the western extreme of Banks island N. 10° W.

Approximate position, lat. 10° 14¼′ S., long. 142° 11¾′ E.

(*b*) A sandbank, with a depth of 1¼ fathoms on its eastern end, which extends for some distance to the westward, situated with the peak of Jervis island bearing S. 78° E., distant 14 miles, and Mulgrave hill S. 43° E.

Approximate position, lat. 9° 53½′ S., long. 141° 57′ E.

(*Variation 4° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—Western approaches to Torres strait, No. 447; Torres strait, western channels, No. 2375: Also, Australia Directory, vol. II, 1898, pages 479, 487.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 11th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 305.

[First Publication.]

CHINA SEA—GASPAR STRAIT.

Shoalwater island—Reef to the southward.

THE British Admiralty has given notice (No. 678 of 1901) of the existence of a small reef, about 50 yards in extent, with a depth of 2¼ fathoms over it, situated 9½ miles S. 7° W. from Shoalwater island lighthouse, and one mile N. 75° E. from Sand island.

Approximate position, lat. 3° 28′ 45″ S., long. 107° 11′ 20″ E.

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—Gaspar and Banka straits, No. 2149; Gaspar strait, No. 2137: Also, China Sea Directory, vol. I, 1896, page 432.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 11th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 306.

[First Publication.]

PACIFIC OCEAN, SOUTH—LOYALTY ISLANDS.

Non-existence of islet near Beaupré islands.

THE British Admiralty has given notice (No. 680 of 1901) that the islet marked on the chart in a position about 6 miles S.S.W. from the Beaupré islands, having been searched for without success and no indication of shoal water having been found in this vicinity, it has been expunged from the chart.

Approximate position, lat. 20° 26′ S., long. 166° 9′ E.

(*Variation 10° Easterly in 1901.*)

This Notice affects the following Admiralty Charts :—New Hebrides and New Caledonia, No. 3033 ; New Caledonia, No. 936a : Also, Pacific islands, vol. II, page 395.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 11th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 307.

[First Publication.]

EASTERN ARCHIPELAGO—SUMATRA, NORTH COAST.

Malacca strait—Shoal water off Diamond Point.

THE British Admiralty has given notice (No. 681 of 1901) that the Master of the British India S.S. *Nevasa* reports having seen discoloured water, and obtained shoal soundings of from 5½ to 8 fathoms, in a locality situated about 5 miles to the northward and north-eastward of Diamond point, Sumatra, where the Chart shows depths of from 28 to 32 fathoms.

Until this locality has been re-surveyed, Mariners are recommended to give Diamond point a berth of at least 7 miles when passing it.

Approximate position of the 5½ fathoms, lat 5° 21′ N., long. 97° 30½′ E.

This Notice affects the following Admiralty Charts :—Bassein river to Pulo Penang, No. 830 ; Malacca strait, No. 1355 ; Acheh head to Tyingkok bay, No. 2760 ; Diamond point to Pulo Berhala, No. 1353 ; Acheh head to Diamond point, No. 219 : Also, China Sea Directory, vol. I, 1896, page 65.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 11th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 308.

[First Publication.]

AFRICA, NORTH-EAST—RED SEA.

Lights to be constructed—Occasional lights.

THE British Admiralty has given notice (No. 688 of 1901) that, during September 1901, the construction of lighthouses at the undermentioned places in the Red sea will be commenced :—

1. On the island of Jebel Tier.
   Approximate position, lat. 15° 32′ N., long. 41° 49′ E.
2. On Centre peak island, Zebayir group.
   Approximate position, lat. 15° 1′ N., long. 42° 9′ E.
3. On Quoin island, Abu Ail group.
   Approximate position, lat. 14° 5′ N., long. 42° 48′ E.
4. At Mocha, near the South fort.
   Approximate position, lat. 13° 18′ N., long. 43° 13′ E.

To facilitate the construction of these lighthouses and to carry the material and working parties, &c., a steam vessel named the *Afrique* will be constantly employed.

The *Afrique*, which flies the French flag, will also show at the foremast head a white penant with the word *Afrique* in red letters, above a square flag with red and blue corners having in the centre a red lighthouse on a white lozenge and the letters B.B.T. above the lighthouse.

Masters of vessels passing near the *Afrique* are requested to take letters from her for transmission to the Constructors on the usual signal (JY) being made by the International Code.

During construction powerful lights may be used at the lighthouse sites for facilitating the work by night, and also on board the steamer *Afrique*, which will often lie at anchor in their vicinity.

One or two black flags hoisted at the lighthouse works will indicate that a serious accident has happened, or that there is urgent need for help.

In this case the masters of vessels are requested to signal the accident to the *Afrique* should they afterwards encounter her, or to report it at the first telegraph station they pass, or, if possible, to afford assistance themselves.

The lights at these lighthouses may be experimentally shown before being permanently exhibited.

This Notice affects the following Admiralty Charts :—Red sea, No. 2523; Red sea, sheets 4 and 5, Nos. 8d, 8e; Jebel Teir to Perim island, No. 143; Jebel Zukur and Hanish islands, &c., No. 453; Mokha road, No. 1955 : Also, List of Lights, 1901, part V, page 228, and part VI, page 26; and Red Sea and Gulf of Aden Pilot, 1900, pages 72, 74, 78, 338.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 11th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 309.

[First Publication.]

PACIFIC OCEAN, SOUTH—SAMOA ISLANDS—TUTUILA ISLAND.

Pango Pango harbour—Leading lights established.

THE British Admiralty has given notice (No. 694 of 1901) that two *red fixed* leading lights, visible 3 miles, have been established on the northern shore of Pango Pango harbour, Tutuila island.

The front light, elevated 20 feet above the sea, is shown from an iron standard situated immediately in front of the new Catholic church and about 10 yards from high-water mark.

The rear light, elevated 75 feet above the sea, is shown from a similar standard, situated half a cable N. 27° W. from the front light.

These lights in line bearing N. 27° W. lead into Pango Pango harbour.

Approximate position, lat. 14° 18′ S., long. 170° 40′ W.

A *red* lantern light is shown from the end of the pier in front of the Custom house.

This Notice affects the following Admiralty Chart :—Samoa islands, No. 1730 : Also, List of Lights, part VII, 1901, page 88; and Pacific Islands, vol. II, 1900, page 107.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 11th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 278.

[Second Publication.]

EASTERN ARCHIPELAGO—BORNEO, NORTH-WEST COAST.

St. Pierre island—Light exhibited.

WITH reference to Notice to Mariners No. 93, dated the 4th April 1901, issued by this office, the British Admiralty has given further notice (No. 605 of 1901) that during July 1901, a *white flashing* light of the 4th order, showing *one flash* of short duration *every five seconds*, and visible from a distanae of 27 miles, was exhibited on St. Pierre or Petrus island, and the temporary white fixed light discontinued.

Approximate position, lat. 1° 53¾′ N., long. 108° 39′ E.

This Notice affects the following Admiralty Charts :—China Sea, Nos. 1263, 2660a; South Natuna islands, No. 2104 : Also, List of Lights, part VI, 1901, page 94; and China Sea Directory, vol. II, 1899, page 81.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 30th September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 279.

[Second Publication.]

EASTERN ARCHIPELAGO—SUMATRA, WEST COAST—KONINGINNE BAY APPROACH.

Marlbro shoal buoy—Replaced by light buoy.

THE British Admiralty has given notice (No. 607 of 1901) that the black buoy surmounted by a ball, marking the Marlbro shoal, Koninginne bay approach, has been replaced by a light buoy exhibiting a *white occulting light every thirty seconds*, thus:—light *twenty seconds*; eclipse, *ten seconds*.

Approximate position, lat. 1° 2′ S., long. 100° 20½′ E.

This Notice affects the following Admiralty Charts:—Ujong Masang to Ujong Indrapura, No. 709; Koninginne bay, No. 212: Also, China Sea Directory, vol. I, 1896, page 301; and Supplement, 1899, page 20.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 30th September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 280.

[Second Publication.]

NEW ZEALAND, NORTH ISLAND, EAST COAST—POVERTY BAY.

Rock reported.

THE British Admiralty has given notice (No. 609 of 1901) that information, dated 15th August 1901, has been received from Mr. J. Maxwell, Master of the S.S. *Tokomaru*, that his vessel, drawing 22 feet, whilst at anchor and pitching heavily to a south-east swell in Poverty bay, struck on a danger situated approximately with Gisborne breakwater light bearing North, distant 12½ cables, and Tuamotu island, S. 84° E.; it has been placed on the Chart in this position as a shoal with 24 feet over it and marked "P.D."

Approximate position, lat. 38° 41½′ S., long. 178° 2′ E.

(*Variation 14° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—Mayor island to Poverty bay, No. 2527; Poverty bay to cape Palliser, No. 2528; Poverty bay, No. 1663: Also, New Zealand Pilot, 1901, page 150.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 30th September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 281.

[Second Publication.]

EASTERN ARCHIPELAGO—BORNEO, NORTH-WEST COAST.

Labuan rocks between Kuraman island and Kiamsan point beacon on Labuan hills.

WITH reference to Notice to Mariners No. 156, dated 8th August 1896, issued by this office, the British Admiralty has given further notice (No. 614 of 1901) of the existence of the undermentioned rocks off the south coast of Labuan, and also of a beacon erected on the northern hills of the same island:—

(*a*) The rock marked ED on the Charts between Kiamsan point and Kuraman island is a small coral head about 20 yards in extent, with a least depth of 2 fathoms over it, low-water springs, situated with the north-western extremity of Kuraman island bearing S. 71° W., distant 13 cables, and the south-eastern extremity of the same island, S. 8° E.

Approximate position, lat. 5° 14½′ N., long. 115° 8¾′ E.

There are depths of 5 and 6 fathoms around this shoal.

(*b*) A rock with a depth of 5 feet over it, low-water springs, situated with the south-eastern extremity of Kuraman island bearing S. 11° E., distant 3 cables, and summit of Burong N. 71° E.

(*c*) A wooden tripod beacon, 30 feet high, the top being covered with canvas, has been erected on the summit of the northern hills on the island at a distance of 16 cables S. 71° W. from Raffles jetty head.

Approximate position, lat. 5° 22′ 40″ N., long. 115° 14′ 0″ E.

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—Barram point to Nosong point No. 2109; Laiuan island, No. 1844: Also China Sea Directory, vol II, 1899, pages 164, 159.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. E. BUCKLAND,
Asst. Secy., Marine Department.

CALCUTTA, *the 30th September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 282.

[Second Publication.]

EASTERN ARCHIPELAGO—BORNEO, NORTH-WEST COAST.

Particulars of Pine point and Iris shoals.

THE British Admiralty has given notice (No. 615 of 1901) of the existence of a coral patch outside Pine point shoals, and also particulars of Iris shoal, as follows:—

(*a*) A coral patch with a depth of 1¾ fathoms over it exists about three-quarters of a mile outside the outer Pine point shoals, and is situated with Mount Nosong bearing No. 68° E., distant 9 3/10 miles, and 450-foot summit S. 12° E.

Approximate position, lat. 5° 33′ N., long. 115° 26½′ E.

(*b*) Iris shoal, the position of which is correctly shown on the Charts, is a coral patch about a quarter of a mile in extent, east and west, with a least depth over it of 3 fathoms, on the eastern extreme of the shoal; there are depths of from 10 to 13 fathoms close to on all sides of this shoal.

Approximate position, lat. 5° 30¾′ N., long. 115° 21′ E.

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—Nosong point to Ambong bay, No. 1111; Barram point to Nosong point, No. 2109: Also, China Sea Directory, vol. II, 1899; page 166.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 30th September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 283.

[Second Publication.]

AUSTRALIA—NEW SOUTH WALES, EAST COAST.

Evan's Head—Rock to the southward.

THE British Admiralty has given notice (No. 616 of 1901) of the existence of a rock about one cable long and half a cable wide with a least depth of 1½ fathoms over it at low-water springs, between North Evans reef and the coast: it is situated with Evan's Head bearing North, distant 13 cables, and Sand patch N. 75° W.

Approximate position, lat. 29° 9′ S., long. 153° 28½′ E.

This rock does not break in ordinary weather.

(*Variation 9° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—Coffs island to Evan's head, No. 1027; Evan's head to Danger point, No. 1028: Also Australia Directory, vol. II, 1898, page 111.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 30th September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 284.

[Second Publication.]

JAPAN—YEZO, WEST COAST.

Siru unku bay—Rock.

THE British Admiralty has given notice (No. 619 of 1901) of the existence of a rock with a depth of one fathom over it in Siru unku bay, from which cape Okamoua bears N. 30° W., distant 9½ miles, and Benkei misaki S. 48° W.

Approximate position, lat. 43° 2¾′ N., long. 140° 30′ E.

There is a rocky patch of 3½ fathoms about a quarter of a cable to the southward of the above rock.

(*Variation 6° Westerly in 1901.*)

This Notice affects the following Admiralty Chart:—Yezo island No. 452: Also China Sea Directory, vol. IV, 1894, page 578; and Supplement, 1898, page 32.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 30th September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 285.

[Second Publication.]

KOREA, WEST COAST—SEOUL RIVER.

Shoals in approach.

THE British Admiralty has given notice (No. 620 of 1901) of the existence of following shoals in the northern approach to Seoul river:—

a. A shoal, with a depth of 2½ fathoms over it, situated with Shoyonphyon bearing N. 70° E., distant 14¾ miles.

b. A shoal, with a depth of 2 fathoms over it, situated with Shoyonphyon Do bear N. 34° E., distant 14½ miles.

c. A shoal, with a depth of 3 fathoms over it, situated with Shoyonphyon Do beari N. 28° E., distant 15¼ miles.

Approximate position, Shoyonphyon Do lat. 37° 36½′ N., long. 125° 42½′ E.

(*Variation 4° Westerly in 1901.*)

This Notice affects the following Admiralty Charts:—Pe chili and Liau tun No. 1256; Approaches to Seoul, No. 1258; Also, China Sea Directory, vol. IV, 1894, pa 51.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 30th September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 286.

[Second Publication.]

AUSTRALIA—QUEENSLAND.

Port Curtis—Rich-rock buoy replaced by light boat.

THE British Admiralty has given notice (No. 625 of 1901) that the buoy marking Rich rock, moored about 5½ cables northward of Barney point, port Curtis, has been replaced by a light-boat, painted red, and exhibiting a *white fixed* light.

Approximate position, lat. 23° 50′ S., long. 151° 16½′ E.

This Notice affects the following Admiralty Charts:—Sandy cape to Keppel islands, No. 345; port Curtis, No. 1900: Also, Australia Directory, vol. II, 1898, page 183; and Supplement, 1900, page 9.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 30th September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 287.

[Second Publication.]

CHINA SEA—PESCADORES.

Round island—Shoal reported.

THE British Admiralty has given notice (No. 628 of 1901) that a shoal, with an estimated depth of 3 fathoms over it, is reported to exist at a distance of about a quarter of a mile S. 16° E. from Round island, Ponghau island, Pescadores.

Approximate position, lat. 23° 32¼′ N., long. 119° 42¾′ E.

As this shoal was not examined, P.D. has been placed against it on the Chart.

(*Variation Nil in 1901.*)

This Notice affects the following Admiralty Chart:—Pescadores island, No. 1961: Also, China Sea Directory, vol. III, 1894, page 217; and Supplement, 1898, page 18.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
CALCUTTA, *the 30th September 1901.* *Asst. Secy., Marine Department.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 288.

[Second Publication.]

JAPAN—SIKOKU, WEST COAST.

Uwajima bay—Rock.

THE British Admiralty has given notice (No. 629 of 1901) of the existence of a rock, [illegible] yards in extent N.E. and S.W., named Ushigase, with a depth of 3 feet over it in [illegible]wajima bay, situated with the south extremity of Kushima bearing N. 78° W., distant 3 [illegible]bles, and the eastern extreme of the same island N. 41° E.

Aproximate position, lat. 33° 13′ N., long 132° 31′ E.

(*Variation 4° Westerly in 1901.*)

This Notice affects the following Admiralty Charts:—Bungo channel, No. 651; Uwajima No. 2877: Also, China Sea Directory, vol. IV, 1894, page 248; and Supplement, 1898, page 24.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
CALCUTTA, *the 30th September 1901.* *Asst. Secy., Marine Department.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 289.

[Second Publication.]

AUSTRALIA, SOUTH—PORT ADELAIDE.

Wonga shoal Bell buoy withdrawn.

WITH reference to Notice to Mariners No. 115, dated the 22nd April 1901, issued by this office, the British Admiralty has given further notice (No. 632 of 1901) that the bell buoy which was formerly moored half a cable to the northward of Wonga shoal extremity has been withdrawn.

Approximate position, lat. 34° 50½′ S., long. 138° 27′ E.

This Notice affects the following Admiralty Charts:—St. Vincent gulf, &c., No. 2389a, b; Port Adelaide, Nos. 1752, 1750; Also Australia Directory, vol. I., 1897, page 326.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
CALCUTTA, *the 30th September 1901.* *Asst. Secy., Marine Department.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 290.

[Second Publication.]

CHINA SEA—PALAWAN ISLAND, NORTH-EAST COAST.

South Passage island.—Shoals to the north-west and south-east.

THE British Admiralty has given notice (No. 636 of 1901) of the existence of the following shoals off the north-east coast of Palawan island:—

(*a*) A coral shoal, with a depth of 1½ fathoms over it, situated with the north point of South Passage island bearing S. 70° E., distant 2 miles and south-western extremity of Iguano island, S. 65° W.

Approximate position, lat. 10° 58½′ N., long. 119° 40′ E.

(*b*) A shoal of coral and sand, with a depth of 3 fathoms over it, about 2 miles in extent, situated with Snake rock bearing S. 65° W., distant 5 miles.

Approximate position, lat. 10° 56′ N., long. 119° 45½′ E.

(*Variation 1° Easterly in 1901.*)

This notice affects the following Admiralty Charts:—Molucca passage to Manila, No. 943; China Sea, No. 2660b; Palawan island, No. 967; Also, China Sea Directory, vol. II, 1899, pages 282, 283.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 30th September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 291.

[Second Publication.]

JAPAN, SOUTH-EAST COAST—SAGAMI URA.

Atami anchorage—Rocky patches reported.

THE British Admiralty has given notice (No. 637 of 1901) that the two undermentioned rocky patches are reported to exist in Atami anchorage:—

(*a*) A rocky patch, named Bitagane, with a depth of from 6 to 8 fathoms over it, situated with Uwomi saki summit (820 feet) bearing S. 70° W., distant 6 cables, and Biobu iwa S. 11° E.

(*b*) A rocky patch, named Sodaine, with a depth of from 3 to 8 fathoms over it, situated with Uwomi summit (820 feet) bearing N. 77° W., distant 6 cables, and Boibu iwa S. 13° E.

Approximate position, lat. 35° 5′ N., long. 139° 5′ E.

(*Variation 4° Westerly in 1901.*)

This Notice affects the following Admiralty Chart:—Omai saki to Tsurugi saki, No. 953: Also, China Sea Directory, vol. IV, 1894, page 295; and Supplement, 1898, page 15.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 30th September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 292.

[Second Publication.]

EASTERN ARCHIPELAGO—CELEBES, EAST COAST.

Nipa Nipa point—Non-existence of shoal to the north-east.

THE British Admiralty has given notice (No. 641 of 1901) that the shoal reported to be situated about 11½ miles N. 43° E. from Nipa Nipa point has been unsuccessfully searched for.

Approximate position, lat. 3° 47′ S., long. 122° 47′ E.

This shoal, the existence of which has generally been considered doubtful, has therefore been erased from the Charts.

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—Eastern Archipelago, No. 942a; plan of Wowoni strait on No. 2196: Also, Eastern Archipelago, part II, 1893, page 360; and Supplement, 1899, page 57.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 1st October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 293.

[Second Publication.]

CHINA SEA—CARIMATA STRAIT.

Dangers in south-east part—Non-existence of Stephan and Townsend reefs.

THE British Admiralty has given notice (No 645 of 1901) of the existence of the following dangers and of an unsuccessful search for the Stephan and Townsend reefs in the south-east part of Carimata strait:—

(*a*) A shoal of hard sand about 4 miles long south-east and north-west, and about half a mile wide, within the 5-fathom contour line, and with a least depth of 1½ fathoms over it, about one mile from its south-eastern extremity, situated 21 miles S. by W. from Sambar point.

Approximate position, south-eastern extremity, lat. 3° 21′ S., long. 110° 16′ E.

This shoal is steep-to on its south-eastern and the middle of its north-eastern sides.

(*b*) A shoal of hard sand about 2½ miles long, N.N.W. and S.S.E., and half a mile wide, within the 5-fathom contour line, with a least depth of 2½ fathoms about one mile from its south-eastern extremity.

Approximate position, south-eastern extremity, lat. 3° 24¼′ S., long 110° 17¾′ E.

This shoal is steep-to on its southern side.

Between the above two shoals (*a*) (*b*) there is a depth of from 6 to 9 fathoms.

(*c*) A bank of hard sand about 5 miles long, east and west, and 1½ miles wide, with depths over it of from 4 to 7 fathoms.

Approximate position, eastern extremity, lat. 3° 34′ S., long. 110° 17¾′ E.

This bank is steep-to on the south-western and southern sides.

(*d*) A shoal of hard sand with a depth of 4½ fathoms in lat. 3° 35¼′ S., long. 110° 17¼′ E.

This shoal was not examined.

The following shoals were unsuccessfully searched for:—

(1) A shoal with a depth of 4¾ fathoms over it in lat. 3° 34½′ S., long. 110° 13′ E., a depth of 20 fathoms being obtained over the assigned position.

(2) Stephan reef, said to be situated in about lat. 3° 7′ S., long. 109° 17′ E., on which a German vessel of that name is reported to have struck in 1884.

(3) Townsend reef, which was placed on the Chart in lat. 3° 0½′ S., long. 109° 5′ E., on a report as having been seen by the Master of the British S.S. *Galley of Lorne.*

The above three reefs have been erased from the Charts, as their existence has always been considered doubtful, and the result of these and previous searches have proved alike futile.

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—Eastern Archipelago, No. 941a; Carimata strait, No. 2160: Also, Eastern Archipelago, part II, 1893, pages 293, 294; and China Sea Directory, vol. I, 1896, pages 478, 479.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 1st October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 294.

[Second Publication.]

CHINA SEA—PALAWAN.

Port Royalist—Light re-exhibited—Buoy.

WITH reference to Notice to Mariners No. 103, dated the 19th May 1899, issued by this office, the British Admiralty has given further notice (No. 655 of 1901) that the light on Tide Pole (Saboruco) point has been re-exhibited.

Tide Pole point light, *white fixed*, is shown from a white tower, attached to the keeper's dwelling, at an elevation of 43 feet above high water, and is visible from a distance of abou 10 miles.

Approximate position, lat. 9° 43′ N., long. 118° 43′ E.

Also, that the shoal, situated 11½ cables to the north-westward of Tide Pole point, has been found to be about one cable in extent, and is now marked by a barrel buoy, painted in red and black horizontal stripes, moored on its south-eastern edge in a depth of 6 feet.

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty Chart:—Port Royalist, No. 2914: Also, List of Lights, part VI, 1901, page 96; China Sea Directory, vol. II, 1899, pages 271, 272; and Supplement, 1901, relating to that work, pages 8, 9.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 1st October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 295.

[Second Publication.]

CHINA—CANTON RIVER.

Chart No. 1782 cancelled.

THE British Admiralty has given notice (No. 657 of 1901) that Chart No. 178 Canton river, sheet 1, Lantau island to Lankit island, being no longer a safe guide for th navigation of the river, is cancelled, and should therefore be destroyed.

It is not at present intended to issue a new edition of this Chart, as it is consider that the smaller scale charts are sufficient for all practical purposes.

This Notice affects China Sea Directory, vol. III, 1894, pages 87, 88 (footnote).

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 1st October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 296.

[Second Publication.]

JAPAN, SOUTH COAST.

Bungo channel—Light established on Jizo Saki.

THE British Admiralty has given notice (No. 658 of 1901) that, on or about 20th July 1901, a *white group flashing* light, having a power of 22,700 candles, would be exhibited from a lighthouse recently erected on Jizo Saki on the western side of Bungo channel

Jizo Saki light shows *three flashes* at an interval of *eight seconds*, followed by an eclipse of *twelve seconds*, it is elevated 225 feet above the sea, and visible from the bearing S. 82° E., through south, west and north, to N. 3° E., from a distance of 21 miles in clear weather.

The lighthouse is of iron, cylindrical in form, painted white, and is 25 feet in height from the base to the centre of the lantern.

Approximate position, lat. 33° 16′ N., long. 131° 54′ E.

(*Variation 4° Westerly in 1901.*)

This Notice affects the following Admiralty Charts:—Van Diemen strait to Oö Sima, No. 1648; S to Uchi or Inland Sea, No. 2875; Bungo channel, No. 651: Also, List of Lights, part VI, 1901, No. 861a; and China Sea Directory, vol. IV, 1894, page 247.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 1st October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 297.

[Second Publication.]

PACIFIC OCEAN—PHILIPPINE ISLANDS—SAMAR.

Kanahauan and Libukan islands—Reefs.

WITH reference to Notice to Mariners No. 114, dated 22nd April 1901, issued b this office, the British Admiralty has given further notice (No. 659 of 1901) that No. 206 o 1901, reporting the existence of a reef awash in lat. 11° 51½′ N., long. 124° 39′ E., betwee Kanahauan and Libukan islands, Chart No. 2987, was not quoted as being affected. It affected by that Notice, and should be amended accordingly.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department

CALCUTTA, *the 1st October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 298.

[Second Publication.]

CHINA—GULF OF PE CHILLI.

Taku approach—Wreck removed.

WITH reference to Notice to Mariners No. 199, dated 22nd April 1901, issued by this office, the British Admiralty has given further notice (No. 660 of 1901), that the Lighter sunk with Taku light-vessel bearing N. 81° W., distant 4 miles, has been blown up, and the black spar buoy removed.

Approximate position, lat. 38° 54½′ N., long. 117° 56½′ E.

This Notice affects the following Admiralty Chart:—Li tsin ho to Ning hai, No. 598: Also, China Sea Directory, vol. III, 1894, pages 609, 611.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 1st October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 299.

[Second Publication.]

BAY OF BENGAL, BURMA COAST—GULF OF MARTABAN.

Rangoon River entrance—Lights to be carried by pilot vessels.

THE following Notice to Mariners, dated 24th September 1901, issued by the Port Office Rangoon, is republished for general information:—

The Port Commissioners, Rangoon, have given notice that from 1st November 1901 the pilot vessel *Guide* will, at night time, show the following lights whilst at anchor:—

(1) A white light forward at the fore topsail yard arm 43 feet above the deck.
(2) Another such light at the stern of the vessel 15 feet lower than the forward light.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 5th October 1901.*

APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, OCTOBER 16, 1901.

THE COMMISSIONERS FOR THE PORT OF CALCUTTA.

Abstract Account of Receipts and Expenditure of the Calcutta Port Fund for the year 1900-1901.

PARTICULARS.	Actuals for 1900-1901.
Receipts.	Rs. A. P.
Rents from mooring hire	3,03,746 7 0
Ditto Harbour Master's earnings	2,37,858 1 2
wreckage and anchors recovered ...	3,170 10 2
Moyapore Magazine	5,788 3 0
licenses of cargo and passenger boats ...	25,075 1 0
Government subsidy for collecting pilotage	2,800 0 0
Ditto Government contribution for River Police for 1899-1900	2,007 2 9
Earnings of tug *Rescue*	22,700 0 0
Ditto tug *Hetty*	250 5 0
Ditto tug *Retriever*	1,000 0 0
Ditto steam-launch *Behrend*	50 0 0
Ditto fire-engine *Hooghly*	321 7 0
Interest on Government securities for Reserve Funds	19,607 7 9
Proportion of receipts from towing vessels by hopper barges	1,454 10 6
Port dues	5,29,405 0 0
Miscellaneous receipts	5,924 12 0
Hospital port dues	1,06,776 11 0
Total ...	12,68,025 14 4

PARTICULARS.	Actuals for 1900-1901.
Expenditure.	Rs. A. P.
Proportion of salaries, control	59,029 15 6
Ditto dredger expenses	14,761 4 6
Ditto interest and sinking fund on loans ...	1,59,107 12 0
Ditto repairs to officers' quarters	225 13 6
Ditto repairs and municipal taxes of Dockyard	7,507 7 4
Ditto municipal taxes	1,758 0 0
River Police establishment	41,762 9 4
Moordafarash establishment	2,396 13 8
Renewal of block	1,05,110 0 0
Repairs to boats, vessels, &c.	1,38,499 3 9
Working expenses	2,32,412 14 2
Salaries and contingencies	5,01,655 13 2
Pensions and compassionate allowances	28,387 12 5
Hospital port dues paid over to Government ...	1,06,776 11 0
Sale of condemned stores	678 10 2
Total ...	14,00,070 12 6

Statement of Ways and Means.

	Rs. A. P.
Receipts	12,68,025 14 4
Expenditure	14,00,070 12 6
Deficit on 31st March 1901	1,32,044 14 2

The above deficit has been met from contribution from Port Trust revenue realised under Act III (B.C.) of 1890.

Verified by

F. G. H. ANDERSON, Acctt.-Genl., Bengal.

G. C. RAY, Exmr. of Local Accounts, Bengal.

J. F. H. MCINERNY, Dy. Accountant.

F. G. DUMAYNE, Vice-Chairman.

Port Commrs.' Office, Calcutta, the 10th August 1901.

PUBLISHED under the provisions of sub-section (2), section 36, of the Indian Ports Act, X of 1889.

F. G. DUMAYNE,
Vice-Chairman of the Port Commissioners.

CALCUTTA, *the 9th October 1901.*

(1137—1)

APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, OCTOBER 23, 1901.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 310.

[First Publication.]

INDIA, WEST—BOMBAY (GOA) COAST.

Aguada light re-exhibited.

WITH reference to Notice to Mariners, Nos. 90, dated the 2nd April, and 181, dated the 10th June 1901, issued by this office, the Bombay Government has given further notice (No. 94 of 1901) that information has been received from the Chief Secretary to the Governor-General of Goa, Portuguese India, that the Aguada (Goa) light (particulars as per No. 253, Admiralty List of Lights, Part VI, 1901) will be re-exhibited from 1st of October 1901.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 14th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 311.

[First Publication.]

INDIA, WEST—SIND COAST.

Karachi (Manora) Light-house tower—Alteration in colour.

THE Bombay Government has given notice (No. 96 of 1901) that on and after the 10th October 1901, the work of painting the Manora Light-house tower will be in progress, and on completion the tower will show seawards (instead of all white as at present) as under, commencing from the top, under lantern space:—

Red band ...	... 21 feet 8 inches in depth.
Followed by—	
White band ...	... 17 feet in depth.
Followed by—	
Red band ...	... 14 feet in depth.
Followed by—	
White band ...	... 17 feet in depth.
Followed by—	
Black band ...	... 21 feet 6 inches in depth.

The work will probably be completed in about one month.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 14th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 312.

[First Publication.]

INDIA WEST—BOMBAY (GOA) COAST.

Murmagoa harbour—Re-exhibition of Red light at the end of breakwater.

WITH reference to Notice to Mariners No. 202, dated 6th July last, issued by this office, the Bombay Government has given notice (No. 97 of 1901) that the red light at the end of breakwater in Murmagoa Harbour, which was removed during the monsoon, will be re-exhibited from 1st October 1901.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 14th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 313.

[First Publication.]

INDIA WEST—BOMBAY COAST.

Karwar—Buoy laid to mark the wreck of the "Brahmani."

THE Bombay Government has given notice (No. 99 of 1901) that a buoy marking the wreck of S.S. *Brahmani* has been laid on the 4th of September 1901.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 14th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 314.

[First Publication.]

BAY OF BENGAL—BURMA COAST.

Rangoon river entrance—Lights to be carried by Pilot vessel.

THE following Notice to Mariners issued by the Bombay Government is republished:—

Information, dated 24th September 1901, has been received from the Port Officer, Rangoon, that from 1st November 1901 the Pilot vessel *Guide* will at night time show the following lights whilst at anchor:—

(1) A white light forward at the foretop-sail yard-arm 43 feet above the deck.
(2) Another such light at the stern of the vessel 15 feet lower than the forward light.

W. B. HUDDLESTON, LIEUT., R.I.M.,
for *Offg. Port Officer of Calcutta.*

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 19th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 315.

[First Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

Kurnafully river—Depth of water in the channels.

THE Port Officer, Chittagong, has given notice that the following depth of water was found in the river channels by soundings taken on the 16th October and reduced to zero:—

Track No. 1—Outer bar—	FT.	IN.
Disc on mast with white and black cask	9	6
Disc on hill	10	9
Disc on diamond	11	6

	Ft.	in.
Track No. 2—Inner bar—		
Disc on mast with white and black casks	10	0
Disc on diamond	10	9
Track No. 3—		
Tripod on cross and ball	15	0
Track No. 4—		
Triangle on mast with white and black casks	22	0
Track No. 5—Guptakhally crossing—		
Tripod on diamond	19	0

W. B. HUDDLESTON, LIEUT., R.I.M.,
for *Offg. Port Officer of Calcutta.*

Published for general information.

C. B. BAYLEY,
CALCUTTA, *the 21st October 1901.* *Asst. Secy., Marine Department.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 300.

[Second Publication.]

AUSTRALIA—KEPPEL ISLAND.

Position of Sykes rock off Great Keppel island.

THE Acting Port Master, Brisbane, has given notice (No. 17 of 1901) that the correct position of Sykes Rock has been ascertained to be about 2½ cables south-west from the approximate position assigned to it on Chart No. 363.

Chart No. 363, and Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
CALCUTTA, *the 11th October 1901.* *Asst. Secy., Marine Department.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 301.

[Second Publication.]

AUSTRALIA.

North channel—Entrance to Moreton bay.

THE Acting Port Master, Brisbane, has given notice (No. 18 of 1901) that the No. 1 Black Buoy, North Channel, has been moved ¾ of a cable eastward, and is now on the line of lights (Cowan Cowan and Tangaluma).

The 16-feet patch, the western end of which has hitherto been marked by the buoy, extends from the present position of the buoy ¾ of a cable westward.

By night vessels will proceed as hitherto.

By day vessels should pass not less than 2 cables to the westward of the buoy.

Charts affected—Nos. 1670, 1029, 1068; and Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
CALCUTTA, *the 11th October 1901.* *Asst. Secy., Marine Department.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 302.

[Second Publication.]

PACIFIC OCEAN—TUAMOTU OR LOW ARCHIPELAGO.

Fakarara island—(1) Light established at Rotoava—Non-existence of Pyramid.

THE British Admiralty has given notice (No. 665 of 1901) that a *red fixed* light is no shown from a pole, 30 feet in height, situated about 50 yards N. 49° E. from the shore en of the pier at Rotoava.

Approximate position, lat. 16° 2′ 30″ S., long. 145° 38′ 30″ W.

The white pyramid near this position no longer exists.

(2) Shoal—amended position.

Also, that the shoal, with a depth of 5 feet over it, marked on the Chart as lying S 41° W., one mile from the site of the White Pyramid, is situated 7 cables S. 18° W. from it, or 4 cables further eastward than previously charted.

(3) Beacons, &c., in approach to Rotoava.

Also, with regard to the beacons and buoy marking the shoals in the approach to Rotoava—

(*a*) The two white beacons formerly marking the Poniu reef no longer exist.
Approximate position, lat. 16° 4′ 15″ S., long. 145° 43′ 30″ W.

(*b*) The reef Togamaitu-i-tai is now marked by a white beacon on its western end the two red beacons formerly marking it no longer exist.

(*c*) The two red beacons formerly marking Togamaitu-i-uta reef no longer exist.

(*d*) The 8-feet patch, lying 8 cables to the northward of Togamaitu-i- formerly marked by a black buoy, is now marked by an iron pole sur by a white cylinder.

(*e*) The Tapaeroa reef is now marked at its north-western end by a pole surr by a ball, instead of by a red beacon as formerly.

(*Variation 7¾° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—North Passage to Rotoa Sheet, No. 1175: Also, List of Lights, part VII, 1901, page 90; and Pacific islands, vol. 1900, pages 133, 134.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutt

Published for general information.

CALCUTTA, *the 11th October 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 303.

[Second Publication.]

CHINA SEA—TONG KING GULF.

Kua nam Trieu—Buoy removed—Beacon and buoys established.

WITH reference to Notice to Mariners No. 344, dated 29th December 1900, issued this Office, the British Admiralty has given further notice (No. 668 of 1901) that the gre conical buoy marking the position formerly occupied by the pile lighthouse on the bar of t Kua nam Trieu has been withdrawn, and that the undermentioned marks have be established:—

1. A square beacon, consisting of iron piles, painted black and surmounted by pyramidal framework with cylindrical topmark, the top of which is 26 fe above high water, has been erected on the south-eastern extremity of th sandbank extending from Dinh Vu island.
Approximate position, lat 20° 44′ 40″ N., long. 106° 51′ 30″ E.

2. Four iron conical buoys, each painted red and surmounted with staff and con have been moored in a direction parallel to, and 400 feet to the north-eastwa of, the line of the leading lights over the bar—

(*a*) The outer buoy (No. 2) is moored off the bar in a depth of 21 feet.
Approximate position, lat 20° 42′ 30″ N., long. 106° 55′ 50″ E.

(*b*) The second buoy (No. 4) is moored in a depth of 16 feet, $1\frac{4}{10}$ miles N. 60° W. from the outer buoy, in the position formerly occupied by the pile lighthouse.

(c) The third buoy (No. 6) is moored on the shoalest part of the bar, $1\frac{4}{10}$ miles N. 60° W. from No. 4 buoy.

(d) The fourth buoy (No. 8) is moored in 16 feet $1\frac{8}{10}$ miles N. 60° W. from No. 6 buoy.

It is proposed to dredge a channel through the bar between the positions of buoys Nos. 4 and 8.

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty charts:—Kua Lacht to Kao Tao shan islands, No. 1965; Approaches to Haifong, No. 775: Also, List of Lights, part VI, 1901, No. 685a; China Sea Directory, vol. II, 1899, page 445; and Supplement, 1901, relating to that work page 16.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 11th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 304.

[Second Publication.]

AUSTRALIA—TORRES STRAIT.

Reefs near Banks and Jervis islands.

THE British Admiralty has given notice (No. 669 of 1901) that the Master of the steamer *Tarawa* reports the existence of the undermentioned dangers in Torres strait:—

(a) A reef, about half a cable in extent, with a depth of 6 feet over it, situated in Banks channel to the south-westward of Banks island, with Gibbes head bearing N. 84° E., distant $1\frac{4}{10}$ miles, and the western extreme of Banks island N. 10° W.

Approximate position, lat. 10° $14\frac{1}{4}'$ S., long. 142° $11\frac{3}{4}'$ E.

(b) A sandbank, with a depth of $1\frac{1}{2}$ fathoms on its eastern end, which extends for some distance to the westward, situated with the peak of Jervis island bearing S. 78° E., distant 14 miles, and Mulgrave hill S. 43° E.

Approximate position, lat. 9° $53\frac{1}{2}'$ S., long. 141° 57′ E.

(*Variation 4° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—Western approaches to Torres strait, No. 447; Torres strait, western channels, No. 2375: Also, Australia Directory, vol. II, 1898, pages 479, 487.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 11th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 305.

[Second Publication.]

CHINA SEA—GASPAR STRAIT.

Shoalwater island—Reef to the southward.

THE British Admiralty has given notice (No. 678 of 1901) of the existence of a small reef, about 50 yards in extent, with a depth of $2\frac{1}{2}$ fathoms over it, situated $9\frac{1}{2}$ miles S. 7° E. from Shoalwater island lighthouse, and one mile N. 75° E. from Sand island.

Approximate position, lat. 3° 28′ 45″ S., long. 107° 11′ 20″ E.

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—Gaspar and Banka straits, No. 2149; Gaspar strait, No. 2137: Also, China Sea Directory, vol. I, 1896, page 432.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 11th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 306.

[Second Publication.]

PACIFIC OCEAN, SOUTH—LOYALTY ISLANDS.

Non-existence of islet near Beaupré islands.

THE British Admiralty has given notice (No. 680 of 1901) that the islet marked on the chart in a position about 6 miles S.S.W. from the Beaupré islands, having been searched for without success and no indication of shoal water having been found in this vicinity it has been expunged from the chart.

Approximate position, lat. 20° 26′ S., long. 166° 9′ E.

(*Variation 10° Easterly in 1901.*)

This Notice affects the following Admiralty Charts :—New Hebrides and New Caledonia, No. 3033 ; New Caledonia, No. 936a : Also, Pacific islands, vol. II, page 395.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 11th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 307.

[Second Publication.]

EASTERN ARCHIPELAGO—SUMATRA, NORTH COAST.

Malacca strait—Shoal water off Diamond Point.

THE British Admiralty has given notice (No. 681 of 1901) that the Master of British India S.S. *Nevasa* reports having seen discoloured water, and obtained shoal soundings of from 5½ to 8 fathoms, in a locality situated about 5 miles to the northward and northward of Diamond point, Sumatra, where the Chart shows depths of from 28 to 32 fathoms.

Until this locality has been re-surveyed, Mariners are recommended to give Diamond point a berth of at least 7 miles when passing it.

Approximate position of the 5½ fathoms, lat 5° 21′ N., long. 97° 30½′ E.

This Notice affects the following Admiralty Charts :—Bassein river to Pulo Penang, No. 830 ; Malacca strait, No. 1355 ; Acheh head to Tyingkok bay, No. 2760 ; Diamond point to Pulo Berhala, No. 1353 ; Acheh head to Diamond point, No. 219 : Also, China Sea Directory, vol. I, 1896, page 65.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 11th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 308.

[Second Publication.]

AFRICA, NORTH-EAST—RED SEA.

Lights to be constructed—Occasional lights.

THE British Admiralty has given notice (No. 688 of 1901) that, during September 1901, the construction of lighthouses at the undermentioned places in the Red sea will be commenced :—

1. On the island of Jebel Tier.
   Approximate position, lat. 15° 32′ N., long. 41° 49′ E.
2. On Centre peak island, Zebayir group.
   Approximate position, lat. 15° 1′ N., long. 42° 9′ E.
3. On Quoin island, Abu Ail group.
   Approximate position, lat. 14° 5′ N., long. 42° 48′ E.
4. At Mocha, near the South fort.
   Approximate position, lat. 13° 18′ N., long. 43° 13′ E.

To facilitate the construction of these lighthouses and to carry the material and working parties, &c., a steam vessel named the *Afrique* will be constantly employed.

The *Afrique*, which flies the French flag, will also show at the foremast head a white pennant with the word *Afrique* in red letters, above a square flag with red and blue corners having in the centre a red lighthouse on a white lozenge and the letters B.B.T. above the lighthouse.

Masters of vessels passing near the *Afrique* are requested to take letters from her for transmission to the Constructors on the usual signal (JY) being made by the International Code.

During construction powerful lights may be used at the lighthouse sites for facilitating the work by night, and also on board the steamer *Afrique*, which will often lie at anchor in their vicinity.

One or two black flags hoisted at the lighthouse works will indicate that a serious accident has happened, or that there is urgent need for help.

In this case the masters of vessels are requested to signal the accident to the *Afrique* should they afterwards encounter her, or to report it at the first telegraph station they pass, or, if possible, to afford assistance themselves.

The lights at these lighthouses may be experimentally shown before being permanently exhibited.

This Notice affects the following Admiralty Charts :—Red sea, No. 2523; Red sea, sheets 4 and 5, Nos. 8d, 8e; Jebel Teir to Perim island, No. 143; Jebel Zukur and Hanish islands, &c., No. 453; Mokha road, No. 1955: Also, List of Lights, 1901, part V, page 228, and part VI, page 26; and Red Sea and Gulf of Aden Pilot, 1900, pages 72, 74, 78, 338.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
CALCUTTA, *the 11th October 1901.* *Asst. Secy., Marine Department.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 309.

[Second Publication.]

PACIFIC OCEAN, SOUTH—SAMOA ISLANDS—TUTUILA ISLAND.

Pango Pango harbour—Leading lights established.

THE British Admiralty has given notice (No. 694 of 1901) that two *red fixed* leading lights, visible 3 miles, have been established on the northern shore of Pango Pango harbour, Tutuila island.

The front light, elevated 20 feet above the sea, is shown from an iron standard situated immediately in front of the new Catholic church and about 10 yards from high-water mark.

The rear light, elevated 75 feet above the sea, is shown from a similar standard, situated half a cable N. 27° W. from the front light.

These lights in line bearing N. 27° W. lead into Pango Pango harbour.

Approximate position, lat. 14° 18′ S., long. 170° 40′ W.

A *red* lantern light is shown from the end of the pier in front of the Custom house.

This Notice affects the following Admiralty Chart :—Samoa islands, No. 1730: Also, List of Lights, part VII, 1901, page 88; and Pacific Islands, vol. II, 1900, page 107.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
CALCUTTA, *the 11th October 1901.* *Asst. Secy., Marine Department.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 278.

[Third Publication.]

EASTERN ARCHIPELAGO—BORNEO, NORTH-WEST COAST.

St. Pierre island—Light exhibited.

WITH reference to Notice to Mariners No. 93, dated the 4th April 1901, issued by this office, the British Admiralty has given further notice (No. 605 of 1901) that during July 1901, a *white flashing* light of the 4th order, showing *one flash* of short duration *every five seconds*, and visible from a distance of 27 miles, was exhibited on St. Pierre or Petrus island; and the temporary white fixed light discontinued.

Approximate position, lat. 1° 53¾′ N., long. 108° 39′ E.

This Notice affects the following Admiralty Charts :—China Sea, Nos. 1263, 2660a; South Natuna islands, No. 2104: Also, List of Lights, part VI, 1901, page 94; and China Sea Directory, vol. II, 1899, page 81.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
CALCUTTA, *the 30th September 1901.* *Asst. Secy., Marine Department.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 279.

[Third Publication.]

EASTERN ARCHIPELAGO—SUMATRA, WEST COAST—KONINGINNE BAY APPROACH.

Marlbro shoal buoy—Replaced by light buoy.

THE British Admiralty has given notice (No. 607 of 1901) that the black buoy surmounted by a ball, marking the Marlbro shoal, Koninginne bay approach, has been replaced by a light buoy exhibiting a *white occulting light every thirty seconds*, thus:—light *twenty seconds*; eclipse, *ten seconds*.

Approximate position, lat. 1° 2′ S., long. 100° 20½′ E.

This Notice affects the following Admiralty Charts:—Ujong Masang to Ujong Indrapura, No. 709; Koninginne bay, No. 212: Also, China Sea Directory, vol. I, 1896, page 301; and Supplement, 1899, page 20.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 30th September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 280.

[Third Publication.]

NEW ZEALAND, NORTH ISLAND, EAST COAST—POVERTY BAY.

Rock reported.

THE British Admiralty has given notice (No. 609 of 1901) that information, dated August 1901, has been received from Mr. J. Maxwell, Master of the S.S. *Tokomaru*, that vessel, drawing 22 feet, whilst at anchor and pitching heavily to a south-east swell Poverty bay, struck on a danger situated approximately with Gisborne breakwater light bearing North, distant 12½ cables, and Tuamotu island, S. 84° E.; it has been placed on the Chart in this position as a shoal with 24 feet over it and marked "P.D."

Approximate position, lat. 38° 41½′ S., long. 178° 2′ E.

(*Variation 14° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—Mayor island to Poverty bay, No. 2527; Poverty bay to cape Palliser, No. 2528; Poverty bay, No. 1663: Also, New Zealand Pilot, 1901, page 150.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 30th September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 281.

[Third Publication.]

EASTERN ARCHIPELAGO—BORNEO, NORTH-WEST COAST.

Labuan rocks between Kuraman island and Kiamsan point beacon on Labuan hills.

WITH reference to Notice to Mariners No. 156, dated 8th August 1896, issued by this office, the British Admiralty has given further notice (No. 614 of 1901) of the existence of the undermentioned rocks off the south coast of Labuan, and also of a beacon erected on the northern hills of the same island:—

(*a*) The rock marked ED on the Charts between Kiamsan point and Kuraman island is a small coral head about 20 yards in extent, with a least depth of 2 fathoms over it, low-water springs, situated with the north-western extremity of Kuraman island bearing S. 71° W., distant 13 cables, and the south-eastern extremity of the same island, S. 8° E.

Approximate position, lat. 5° 14½′ N., long. 115° 8¾′ E.

There are depths of 5 and 6 fathoms around this shoal.

(*b*) A rock with a depth of 5 feet over it, low-water springs, situated with the south-eastern extremity of Kuraman island bearing S. 11° E., distant 3 cables, and summit of Burong N. 71° E.

(*c*) A wooden tripod beacon, 30 feet high, the top being covered with canvas, has been erected on the summit of the northern hills on the island at a distance of 16 cables S. 71° W. from Raffles jetty head.

Approximate position, lat. 5° 22′ 40″ N., long. 115° 14′ 0″ E.

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—Barram point to Nosong point No. 2109; Labuan island, No. 1844: Also China Sea Directory, vol II, 1899, pages 164, 159.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 30th September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 282.

[Third Publication.]

EASTERN ARCHIPELAGO—BORNEO, NORTH-WEST COAST.

Particulars of Pine point and Iris shoals.

THE British Admiralty has given notice (No. 615 of 1901) of the existence of a coral patch outside Pine point shoals, and also particulars of Iris shoal, as follows:—

(*a*) A coral patch with a depth of 1¾ fathoms over it exists about three-quarters of a mile outside the outer Pine point shoals, and is situated with Mount Nosong bearing No. 68° E., distant 9 3/10 miles, and 450-foot summit S. 12° E.

Approximate position, lat. 5° 33′ N., long. 115° 26½′ E.

(*b*) Iris shoal, the position of which is correctly shown on the Charts, is a coral patch about a quarter of a mile in extent, east and west, with a least depth over it of 3 fathoms, on the eastern extreme of the shoal; there are depths of from 10 to 13 fathoms close to on all sides of this shoal.

Approximate position, lat. 5° 30¾′ N., long. 115° 21′ E.

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—Nosong point to Ambong bay, No. 2111; Barram point to Nosong point, No. 2109: Also, China Sea Directory, vol. II, 1899; page 166.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 30th September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 283.

[Third Publication.]

AUSTRALIA—NEW SOUTH WALES, EAST COAST.

Evan's Head—Rock to the southward.

THE British Admiralty has given notice (No. 616 of 1901) of the existence of a rock about one cable long and half a cable wide with a least depth of 1½ fathoms over it at low-water springs, between North Evans reef and the coast: it is situated with Evan's Head bearing North, distant 13 cables, and Sand patch N. 75° W.

Approximate position, lat 29° 9′ S., long. 153° 28½′ E.

This rock does not break in ordinary weather.

(*Variation 9° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—Coffs island to Evan's head, No. 1027; Evan's head to Danger point, No. 1028: Also Australia Directory, vol. II, 1898, page 111.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 30th September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 284.

[Third Publication.]

JAPAN—YEZO, WEST COAST.

Siru unku bay—Rock.

THE British Admiralty has given notice (No. 619 of 1901) of the existence of a rock with a depth of one fathom over it in Siru unku bay, from which cape Okamoua bears N. 30° W., distant 9½ miles, and Benkei misaki S. 48° W.

Approximate position, lat. 43° 2¾′ N., long. 140° 30′ E.

There is a rocky patch of 3½ fathoms about a quarter of a cable to the southward of the above rock.

(Variation 6° Westerly in 1901.)

This Notice affects the following Admiralty Chart:—Yezo island No. 452: Also China Sea Directory, vol. IV, 1894, page 578; and Supplement, 1898, page 32.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 30th September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 285.

[Third Publication.]

KOREA, WEST COAST—SEOUL RIVER.

Shoals in approach.

THE British Admiralty has given notice (No. 620 of 1901) of the existen[illegible] following shoals in the northern approach to Seoul river:—

a. A shoal, with a depth of 2½ fathoms over it, situated with Shoyonp[illegible] bearing N. 70° E., distant 14¾ miles.

b. A shoal, with a depth of 2 fathoms over it, situated with Shoyonphyon Do be[illegible] N. 34° E., distant 14½ miles.

c. A shoal, with a depth of 3 fathoms over it, situated with Shoyonphyon Do bea[illegible] N. 28° E., distant 15¼ miles.

Approximate position, Shoyonphyon Do lat. 37° 36½′ N., long. 125° 42½′ E.

(Variation 4° Westerly in 1901.)

This Notice affects the following Admiralty Charts:—Pe chili and Liau tung gulfs, No. 1256; Approaches to Seoul, No. 1258; Also, China Sea Directory, vol. IV, 1894, page 51.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 30th September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 286.

[Third Publication.]

AUSTRALIA—QUEENSLAND.

Port Curtis—Rich-rock buoy replaced by light boat.

THE British Admiralty has given notice (No. 625 of 1901) that the buoy marking Rich rock, moored about 5½ cables northward of Barney point, port Curtis, has been replaced by a light-boat, painted red, and exhibiting a *white fixed* light.

Approximate position, lat. 23° 50′ S., long. 151° 16½′ E.

This Notice affects the following Admiralty Charts:—Sandy cape to Keppel islands, No. 345; port Curtis, No. 1900: Also, Australia Directory, vol. II, 1898, page 183; and Supplement, 1900, page 9.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine D[illegible]tment.

CALCUTTA, *the 30th September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 287.

[Third Publication.]

CHINA SEA—PESCADORES.

Round island—Shoal reported.

THE British Admiralty has given notice (No. 628 of 1901) that a shoal, with an estimated depth of 3 fathoms over it, is reported to exist at a distance of about a quarter of a mile S. 16° E. from Round island, Ponghau island, Pescadores.

Approximate position, lat. 23° 32¼′ N., long. 119° 42¾′ E.

As this shoal was not examined, P.D. has been placed against it on the Chart.

(*Variation Nil in 1901.*)

This Notice affects the following Admiralty Chart:—Pescadores island, No. 1961: Also, China Sea Directory, vol. III, 1894, page 217; and Supplement, 1898, page 18.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 30th September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 288.

[Third Publication.]

JAPAN—SKIKOKU, WEST COAST.

Uwajima bay—Rock.

THE British Admiralty has given notice (No. 629 of 1901) of the existence of a rock, 0 yards in extent N.E. and S.W., named Ushigase, with a depth of 3 feet over it in Uwajima bay, situated with the south extremity of Kushima bearing N. 78° W., distant 3 cables and the eastern extreme of the same island N. 41° E.

Aproximate position, lat. 33° 13′ N., long 132° 31′ E.

(*Variation 4° Westerly in 1901.*)

This Notice affects the following Admiralty Charts:—Bungo channel, No. 651; Uwajima bay, No. 2877: Also, China Sea Directory, vol. IV, 1894, page 248; and Supplement, 1898, page 14.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 30th September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 289.

[Third Publication.]

AUSTRALIA, SOUTH—PORT ADELAIDE.

Wonga shoal Bell buoy withdrawn.

WITH reference to Notice to Mariners No. 115, dated the 22nd April 1901, issued by this office, the British Admiralty has given further notice (No. 632 of 1901) that the bell buoy which was formerly moored half a cable to the northward of Wonga shoal extremity has been withdrawn.

Approximate position, lat. 34° 50½′ S., long. 138° 27′ E.

This Notice affects the following Admiralty Charts:—St. Vincent gulf, &c., No. 2389a, b; Port Adelaide, Nos. 1752, 1750; Also Australia Directory, vol. I., 1897, page 326.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 30th September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 290.

[Third Publication.]

CHINA SEA—PALAWAN ISLAND, NORTH-EAST COAST.

South Passage island.—Shoals to the north-west and south-east.

THE British Admiralty has given notice (No. 636 of 1901) of the existence of the following shoals off the north-east coast of Palawan island:—

(*a*) A coral shoal, with a depth of 1½ fathoms over it, situated with the north point of South Passage island bearing S. 70° E., distant 2 miles and south-western extremity of Iguano island, S. 65° W.

Approximate position, lat. 10° 58½′ N., long. 119° 40′ E.

(*b*) A shoal of coral and sand, with a depth of 3 fathoms over it, about 2 miles extent, situated with Snake rock bearing S. 65° W., distant 5 miles.

Approximate position, lat. 10° 56′ N., long. 119° 45½′ E.

(*Variation 1° Easterly in 1901.*)

This notice affects the following Admiralty Charts:—Molucca passage to Manila, No. 943; China Sea, No. 2660b; Palawan island, No. 967; Also, China Sea Directory, vol. II, 1899, pages 282, 283.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLE
Asst. Secy., Marine

CALCUTTA, *the 30th September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMEN

NOTICE TO MARINERS—No. 291.

[Third Publication.]

JAPAN, SOUTH-EAST COAST—SAGAMI URA.

Atami anchorage—Rocky patches reported.

THE British Admiralty has given notice (No. 637 of 1901) that the two undermentione rocky patches are reported to exist in Atami anchorage:—

(*a*) A rocky patch, named Bitagane, with a depth of from 6 to 8 fathoms over situated with Uwomi saki summit (820 feet) bearing S. 70° W., distan 6 cables, and Biobu iwa S. 11° E.

(*b*) A rocky patch, named Sodaine, with a depth of from 3 to 8 fathoms over situated with Uwomi summit (820 feet) bearing N. 77° W., distant 6 cabl and Boibu iwa S. 13° E.

Approximate position, lat. 35° 5′ N., long. 139° 5′ E.

(*Variation 4° Westerly in 1901.*)

This Notice affects the following Admiralty Chart:—Omai saki to Tsurugi saki, No. 95 Also, China Sea Directory, vol. IV, 1894, page 295; and Supplement, 1898, page 15.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Depart

CALCUTTA, *the 30th September 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 292.

[Third Publication.]

EASTERN ARCHIPELAGO—CELEBES, EAST COAST.

Nipa Nipa point—Non-existence of shoal to the north-east.

THE British Admiralty has given notice (No. 641 of 1901) that the shoal report be situated about 11½ miles N. 43° E. from Nipa Nipa point has been unsucces searched for.

Approximate position, lat. 3° 47′ S., long. 122° 47′ E.

This shoal, the existence of which has generally been considered doubtful, has therefore been erased from the Charts.

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—Eastern Archipelago, No. 942a; plan of Wowoni strait on No. 2196: Also, Eastern Archipelago, part II, 1893, page 360; and Supplement, 1899, page 57.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
CALCUTTA, *the 1st October 1901.* *Asst. Secy., Marine Department.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 293.

[Third Publication.]

CHINA SEA—CARIMATA STRAIT.

Dangers in south-east part—Non-existence of Stephan and Townsend reefs.

THE British Admiralty has given notice (No 645 of 1901) of the existence of the following dangers and of an unsuccessful search for the Stephan and Townsend reefs in the south-east part of Carimata strait:—

(*a*) A shoal of hard sand about 4 miles long south-east and north-west, and about half a mile wide, within the 5-fathom contour line, and with a least depth of 1½ fathoms over it, about one mile from its south-eastern extremity, situated 21 miles S. by W. from Sambar point.

Approximate position, south-eastern extremity, lat. 3° 21′ S., long. 110° 16′ E.

This shoal is steep-to on its south-eastern and the middle of its north-eastern sides.

(*b*) A shoal of hard sand about 2½ miles long, N.N.W. and S.S.E., and half a mile wide, within the 5-fathom contour line, with a least depth of 2½ fathoms about one mile from its south-eastern extremity.

Approximate position, south-eastern extremity, lat. 3° 24¼′ S., long 110° 17¾′ E.

This shoal is steep-to on its southern side.

Between the above two shoals (*a*) (*b*) there is a depth of from 6 to 9 fathoms.

(*c*) A bank of hard sand about 5 miles long, east and west, and 1½ miles wide, with depths over it of from 4 to 7 fathoms.

Approximate position, eastern extremity, lat. 3° 34′ S., long. 110° 17¾′ E.

This bank is steep-to on the south-western and southern sides.

(*d*) A shoal of hard sand with a depth of 4½ fathoms in lat 3° 35¼′ S., long. 110° 17¼′ E.

This shoal was not examined.

The following shoals were unsuccessfully searched for:—

(1) A shoal with a depth of 4¾ fathoms over it in lat. 3° 34½′ S., long. 110° 13′ E., a depth of 20 fathoms being obtained over the assigned position.

(2) Stephan reef, said to be situated in about lat. 3° 7′ S., long. 109° 17′ E., on which a German vessel of that name is reported to have struck in 1884.

(3) Townsend reef, which was placed on the Chart in lat. 3° 0½′ S., long. 109° 5′ E., on a report as having been seen by the Master of the British S.S. *Galley of Lorne.*

The above three reefs have been erased from the Charts, as their existence has always been considered doubtful, and the result of these and previous searches have proved alike futile.

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—Eastern Archipelago, No. 941a; Carimata strait, No. 2160: Also, Eastern Archipelago, part II, 1893, pages 293, 294; and China Sea Directory, vol. I, 1896, pages 478, 479.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
CALCUTTA, *the 1st October 1901.* *Asst. Secy., Marine Department.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 294.

[Third Publication.]

CHINA SEA—PALAWAN.

Port Royalist—Light re-exhibited—Buoy.

WITH reference to Notice to Mariners No. 103, dated the 19th May 1899, issued by this office, the British Admiralty has given further notice (No. 655 of 1901) that the light on Tide Pole (Saboruco) point has been re-exhibited.

Tide Pole point light, *white fixed*, is shown from a white tower, attached to the keeper's dwelling, at an elevation of 43 feet above high water, and is visible from a distance of about 10 miles.

Approximate position, lat. 9° 43′ N., long. 118° 43′ E.

Also, that the shoal, situated 11½ cables to the north-westward of Tide Pole point, has been found to be about one cable in extent, and is now marked by a barrel buoy, painted in red and black horizontal stripes, moored on its south-eastern edge in a depth of 6 feet.

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty Chart:—Port Royalist, No. 2914: Also, List of Lights, part VI, 1901, page 96; China Sea Directory, vol. II, 1899, pages 271, 272; and Supplement, 1901, relating to that work, pages 8, 9.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 1st October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 295.

[Third Publication.]

CHINA—CANTON RIVER.

Chart No. 1782 cancelled.

THE British Admiralty has given notice (No. 657 of 1901) that Chart No. [illegible] Canton river, sheet 1, Lantau island to Lankit island, being no longer a safe guide [illegible] navigation of the river, is cancelled, and should therefore be destroyed.

It is not at present intended to issue a new edition of this Chart, as it is conside[illegible] that the smaller scale charts are sufficient for all practical purposes.

This Notice affects China Sea Directory, vol. III, 1894, pages 87, 88 (footnote).

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst Secy., Marine Department.

CALCUTTA, *the 1st October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 296.

[Third Publication.]

JAPAN, SOUTH COAST.

Bungo channel—Light established on Jizo Saki.

THE British Admiralty has given notice (No. 658 of 1901) that, on or about 20th July 1901, a *white group flashing* light, having a power of 22,700 candles, would be exhibited from a lighthouse recently erected on Jizo Saki on the western side of Bungo channel.

Jizo Saki light shows *three flashes* at an interval of *eight seconds*, followed by an eclipse of *twelve seconds*, it is elevated 225 feet above the sea, and visible from the bearing S. 82° E., through south, west and north, to N. 3° E., from a distance of 21 miles in clear weather.

The lighthouse is of iron, cylindrical in form, painted white, and is 25 feet in height from the base to the centre of the lantern.

Approximate position, lat. 33° 16′ N., long. 131° 54′ E.

(*Variation 4° Westerly in 1901.*)

This Notice affects the following Admiralty Charts:—Van Diemen strait to Oö Sima, No. 1648; Seto Uchi or Inland Sea, No. 2875; Bungo channel, No. 651: Also, List of Lights, part VI, 1901, No. 861a; and China Sea Directory, vol. IV, 1894, page 247.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 1st October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 297.

[Third Publication.]

PACIFIC OCEAN—PHILIPPINE ISLANDS—SAMAR.

Kanahauan and Libukan islands—Reefs.

WITH reference to Notice to Mariners No. 114, dated 22nd April 1901, issued by this office, the British Admiralty has given further notice (No. 659 of 1901) that No. 206 of 1901, reporting the existence of a reef awash in lat. 11° 51½′ N., long. 124° 39′ E., between Kanahauan and Libukan islands, Chart No. 2987, was not quoted as being affected. It is affected by that Notice, and should be amended accordingly.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 1st October 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 298.

[Third Publication.]

CHINA—GULF OF PE CHILLI.

Taku approach—Wreck removed.

WITH reference to Notice to Mariners No. 199, dated 22nd April 1901, issued by this office, the British Admiralty has given further notice (No. 660 of 1901), that the Lighter off Taku light-vessel bearing N. 81° W., distant 4 miles, has been blown up, and the spar buoy removed.

Approximate position, lat. 38° 54½′ N., long. 117° 56½′ E.

This Notice affects the following Admiralty Chart:—Li tsin ho to Ning hai, No. 598: Also, China Sea Directory, vol. III, 1894, pages 609, 611.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 1st October 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 299.

[Third Publication.]

BAY OF BENGAL, BURMA COAST—GULF OF MARTABAN.

Rangoon River entrance—Lights to be carried by pilot vessels.

THE following Notice to Mariners, dated 24th September 1901, issued by the Port Officer, Rangoon, is republished for general information:—

The Port Commissioners, Rangoon, have given notice that from 1st November 1901 the pilot vessel *Guide* will, at night time, show the following lights whilst at anchor:—

(1) A white light forward at the fore topsail yard arm 43 feet above the deck.
(2) Another such light at the stern of the vessel 15 feet lower than the forward light.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 5th October 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department

APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, OCTOBER 30, 1901.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 310.

[Second Publication.]

INDIA, WEST—BOMBAY (GOA) COAST.

Aguada light re-exhibited.

WITH reference to Notice to Mariners, Nos. 90, dated the 2nd April, and 181, dated h June 1901, issued by this office, the Bombay Government has given further notice 94 of 1901) that information has been received from the Chief Secretary to the ernor-General of Goa, Portuguese India, that the Aguada (Goa) light (particulars as No. 253, Admiralty List of Lights, Part VI, 1901) will be re-exhibited from 1st of er 1901.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CUTTA *the 14th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 311.

[Second Publication.]

INDIA, WEST—SIND COAST.

Karachi (Manora) Light-house tower—Alteration in colour.

THE Bombay Government has given notice (No. 96 of 1901) that on and after the 0th October 1901, the work of painting the Manora Light-house tower will be in progress, nd on completion the tower will show seawards (instead of all white as at present) as under, mmencing from the top, under lantern space :—

Red band	...	... 21 feet 8 inches in depth.
Followed by—		
White band	...	... 17 feet in depth.
Followed by—		
Red band	...	... 14 feet in depth.
Followed by—		
White band	...	... 17 feet in depth.
Followed by—		
Black band	...	... 21 feet 6 inches in depth.

The work will probably be completed in about one month.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 14th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 312.

[Second Publication.]

INDIA WEST—BOMBAY (GOA) COAST.

Murmagoa harbour—Re-exhibition of Red light at the end of breakwater.

WITH reference to Notice to Mariners No. 202, dated 6th July last, issued by this office, the Bombay Government has given notice (No. 97 of 1901) that the red light at the end of breakwater in Murmagoa Harbour, which was removed during the monsoon, will be re-exhibited from 1st October 1901.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 14th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 313.

[Second Publication.]

INDIA WEST—BOMBAY COAST.

Karwar—Buoy laid to mark the wreck of the "Brahmani."

THE Bombay Government has given notice (No. 99 of 1901) that a buoy marking the wreck of S.S. *Brahmani* has been laid on the 4th of September 1901.

E. J. BEAUMONT, COMDR., R.
Offg. Port Officer of [illegible]., *alcutta.*

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Depart[illegible]*ment.*

CALCUTTA, *the 14th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 314.

[Second Publication.]

BAY OF BENGAL—BURMA COAST.

Rangoon river entrance—Lights to be carried by Pilot vessel.

THE following Notice to Mariners issued by the Bombay Government is republished:—

Information, dated 24th September 1901, has been received from the Port Officer, Rangoon, that from 1st November 1901 the Pilot vessel *Guide* will at night time show the following lights whilst at anchor:—

(1) A white light forward at the foretop-sail yard-arm 43 feet above the deck.
(2) Another such light at the stern of the vessel 15 feet lower than the forward light.

W. B. HUDDLESTON, LIEUT., R.I.M.,
for *Offg. Port Officer of Calcutta.*

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 19th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 315.

[Second Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

Kurnafully river—Depth of water in the channels.

THE Port Officer, Chittagong, has given notice that the following depth of water was found in the river channels by soundings taken on the 16th October and reduced to zero:—

	FT.	IN.
Track No. 1—Outer bar—		
Disc on mast with white and black cask	9	6
Disc on hill	10	9
Disc on diamond	11	6

	Ft.	in.
Track No. 2—Inner bar—		
Disc on mast with white and black casks	19	0
Disc on diamond	10	9
Track No. 3—		
Tripod on cross and ball	15	0
Track No. 4—		
Triangle on mast with white and black casks	22	0
Track No. 5—Guptakhally crossing—		
Tripod on diamond	19	0

W. B. HUDDLESTON, LIEUT., R.I.M.,
for *Offg. Port Officer of Calcutta.*

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 21st October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 300.

[Third Publication.]

AUSTRALIA—KEPPEL ISLAND.

Position of Sykes rock off Great Keppel island.

THE Acting Port Master, Brisbane, has given notice (No. 17 of 1901) that the correct position of Sykes Rock has been ascertained to be about 2½ cables south-west from the approximate position assigned to it on Chart No. 363.

Chart No. 363, and Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 11th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 301.

[Third Publication.]

AUSTRALIA.

North channel—Entrance to Moreton bay.

THE Acting Port Master, Brisbane, has given notice (No. 18 of 1901) that the No. Black Buoy, North Channel, has been moved ¾ of a cable eastward, and is now on the line of lights (Cowan Cowan and Tangaluma).

The 16-feet patch, the western end of which has hitherto been marked by the buoy extends from the present position of the buoy ¾ of a cable westward.

By night vessels will proceed as hitherto.

By day vessels should pass not less than 2 cables to the westward of the buoy.

Charts affected—Nos. 1670, 1029, 1068; and Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 11th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 302.

[Third Publication.]

PACIFIC OCEAN—TUAMOTU OR LOW ARCHIPELAGO.

Fakarara island—(1) Light established at Rotoava—Non-existence of Pyramid.

THE British Admiralty has given notice (No. 665 of 1901) that a *red fixed* light is now shown from a pole, 30 feet in height, situated about 50 yards N. 49° E. from the shore end of the pier at Rotoava.

Approximate position, lat. 16° 2′ 30″ S., long. 145° 38′ 30″ W.

The white pyramid near this position no longer exists.

(2) Shoal—amended position.

Also, that the shoal, with a depth of 5 feet over it, marked on the Chart as lying S. 41° W., one mile from the site of the White Pyramid, is situated 7 cables S. 18° W. from it, or 4 cables further eastward than previously charted.

(3) Beacons, &c., in approach to Rotoava.

Also, with regard to the beacons and buoy marking the shoals in the approach to Rotoava—

(*a*) The two white beacons formerly marking the Poniu reef no longer exist.
Approximate position, lat. 16° 4′ 15″ S., long. 145° 43′ 30″ W.

(*b*) The reef Togamaitu-i-tai is now marked by a white beacon on its western end; the two red beacons formerly marking it no longer exist.

(*c*) The two red beacons formerly marking Togamaitu-i-uta reef no longer exist.

(*d*) The 8-feet patch, lying 8 cables to the northward of Togamaitu-i-uta reef, formerly marked by a black buoy, is now marked by an iron pole surmounted by a white cylinder.

(*e*) The Tapaeroa reef is now marked at its north-western end by a pole surmounted by a ball, instead of by a red beacon as formerly.

(*Variation 7¾° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—North Passage to Rotoava, Sheet, No. 1175: Also, List of Lights, part VII, 1901, page 90; and Pacific islands, vol. III, 1900, pages 133, 134.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 11th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 303.

[Third Publication.]

CHINA SEA—TONG KING GULF.

Kua nam Trieu—Buoy removed—Beacon and buoys established.

WITH reference to Notice to Mariners No. 344, dated 29th December 1900, issued by this Office, the British Admiralty has given further notice (No. 668 of 1901) that the green conical buoy marking the position formerly occupied by the pile lighthouse on the bar of the Kua nam Trieu has been withdrawn, and that the undermentioned marks have been established:—

1. A square beacon, consisting of iron piles, painted black and surmounted by a pyramidal framework with cylindrical topmark, the top of which is 26 feet above high water, has been erected on the south-eastern extremity of the sandbank extending from Dinh Vu island.
Approximate position, lat 20° 44′ 40″ N., long. 106° 51′ 30″ E.

2. Four iron conical buoys, each painted red and surmounted with staff and cone, have been moored in a direction parallel to, and 400 feet to the north-eastward of, the line of the leading lights over the bar—

(*a*) The outer buoy (No. 2) is moored off the bar in a depth of 21 feet.
Approximate position, lat 20° 42′ 30″ N., long. 106° 55′ 50″ E.

(*b*) The second buoy (No. 4) is moored in a depth of 16 feet, $1\frac{4}{10}$ miles N. 60° W. from the outer buoy, in the position formerly occupied by the pile lighthouse.

(c) The third buoy (No. 6) is moored on the shoalest part of the bar, $1\frac{4}{10}$ miles N. 60° W. from No. 4 buoy.

(d) The fourth buoy (No. 8) is moored in 16 feet $1\frac{3}{10}$ miles N. 60° W. from No. 6 buoy.

It is proposed to dredge a channel through the bar between the positions of buoys Nos. 4 and 8.

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty charts:—Kua Lacht to Rao Tao shan islands, No. 1965; Approaches to Haifong, No. 775: Also, List of Lights, part VI, 1901, No. 685a; China Sea Directory, vol. II, 1899, page 445; and Supplement, 1901, relating to that work page 16.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 11th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 304.

[Third Publication.]

AUSTRALIA—TORRES STRAIT.

Reefs near Banks and Jervis islands.

THE British Admiralty has given notice (No. 669 of 1901) that the Master of the schooner *Tarawa* reports the existence of the undermentioned dangers in Torres strait:—

(a) A reef, about half a cable in extent, with a depth of 6 feet over it, situated in Banks channel to the south-westward of Banks island, with Gibbes head bearing N. 84° E., distant $1\frac{4}{10}$ miles, and the western extreme of Banks island N. 10° W.

Approximate position, lat. 10° $14\frac{1}{4}'$ S., long. 142° $11\frac{3}{4}'$ E.

(b) A sandbank, with a depth of $1\frac{1}{4}$ fathoms on its eastern end, which extends for some distance to the westward, situated with the peak of Jervis island bearing S. 78° E., distant 14 miles, and Mulgrave hill S. 43° E.

Approximate position, lat. 9° $53\frac{1}{2}'$ S., long. 141° 57′ E.

(*Variation 4° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—Western approaches to Torres strait, No. 447; Torres strait, western channels, No. 2375: Also, Australia Directory, vol. II, 1898, pages 479, 487.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

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C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 11th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 305.

[Third Publication.]

CHINA SEA—GASPAR STRAIT.

Shoalwater island—Reef to the southward.

THE British Admiralty has given notice (No. 678 of 1901) of the existence of a small reef, about 50 yards in extent, with a depth of $2\frac{1}{4}$ fathoms over it, situated $9\frac{1}{2}$ miles S. 7° W. from Shoalwater island lighthouse, and one mile N. 75° E. from Sand island.

Approximate position, lat. 3° 28′ 45″ S., long. 107° 11′ 20″ E.

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—Gaspar and Banka straits, No. 2149; Gaspar strait, No. 2137: Also, China Sea Directory, vol. I, 1896, page 432.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 11th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 306.

[Third Publication.]

PACIFIC OCEAN, SOUTH—LOYALTY ISLANDS.

Non-existence of islet near Beaupré islands.

THE British Admiralty has given notice (No. 680 of 1901) that the islet marked on the chart in a position about 6 miles S.S.W. from the Beaupré islands, having been searched for without success and no indication of shoal water having been found in this vicinity, it has been expunged from the chart.

Approximate position, lat. 20° 26′ S., long. 166° 9′ E.

(*Variation 10° Easterly in 1901.*)

This Notice affects the following Admiralty Charts :—New Hebrides and New Caledonia, No. 3033 ; New Caledonia, No. 936a : Also, Pacific islands, vol. II, page 395.

E. J. BEAUMONT, COMDR., R.I.M.,
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Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 11th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 307.

[Third Publication.]

EASTERN ARCHIPELAGO—SUMATRA, NORTH COAST.

Malacca strait—Shoal water off Diamond Point.

THE British Admiralty has given notice (No. 681 of 1901) that the Master of the British India S.S. *Nevasa* reports having seen discoloured water, and obtained shoal soundings of from 5½ to 8 fathoms, in a locality situated about 5 miles to the northward and north-eastward of Diamond point, Sumatra, where the Chart shows depths of from 28 to 32 fathoms.

Until this locality has been re-surveyed, Mariners are recommended to give Diamond point a berth of at least 7 miles when passing it.

Approximate position of the 5½ fathoms, lat 5° 21′ N., long. 97° 30½′ E.

This Notice affects the following Admiralty Charts :—Bassein river to Pulo Penang, No. 830 ; Malacca strait, No. 1355 ; Acheh head to Tyingkok bay, No. 2760 ; Diamond point to Pulo Berhala, No. 1353 ; Acheh head to Diamond point, No. 219 : Also, China Sea Directory, vol. I, 1896, page 65.

E. J. BEAUMONT, COMDR., R.I.M.,
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Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 11th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 308.

[Third Publication.]

AFRICA, NORTH-EAST—RED SEA.

Lights to be constructed—Occasional lights.

THE British Admiralty has given notice (No. 688 of 1901) that, during September 1901, the construction of lighthouses at the undermentioned places in the Red sea will be commenced :—

1. On the island of Jebel Tier.
   Approximate position, lat. 15° 32′ N., long. 41° 49′ E.
2. On Centre peak island, Zebayir group.
   Approximate position, lat. 15° 1′ N., long. 42° 9′ E.
3. On Quoin island, Abu Ail group.
   Approximate position, lat. 14° 5′ N., long. 42° 48′ E.
4. At Mocha, near the South fort.
   Approximate position, lat. 13° 18′ N., long. 43° 13′ E.

To facilitate the construction of these lighthouses and to carry the material and working parties, &c., a steam vessel named the *Afrique* will be constantly employed.

The *Afrique*, which flies the French flag, will also show at the foremast head a white penant with the word *Afrique* in red letters, above a square flag with red and blue corners having in the centre a red lighthouse on a white lozenge and the letters B.B.T. above the lighthouse.

Masters of vessels passing near the *Afrique* are requested to take letters from her for transmission to the Constructors on the usual signal (JY) being made by the International Code.

During construction powerful lights may be used at the lighthouse sites for facilitating the work by night, and also on board the steamer *Afrique*, which will often lie at anchor in their vicinity.

One or two black flags hoisted at the lighthouse works will indicate that a serious accident has happened, or that there is urgent need for help.

In this case the masters of vessels are requested to signal the accident to the *Afrique* should they afterwards encounter her, or to report it at the first telegraph station they pass, or, if possible, to afford assistance themselves.

The lights at these lighthouses may be experimentally shown before being permanently exhibited.

This Notice affects the following Admiralty Charts :—Red sea, No. 2523; Red sea, sheets 4 and 5, Nos. 8d, 8e; Jebel Teir to Perim island, No. 143; Jebel Zukur and Hanish islands, &c., No. 453; Mokha road, No. 1955 : Also, List of Lights, 1901, part V, page 228, and part I, page 26; and Red Sea and Gulf of Aden Pilot, 1900, pages 72, 74, 78, 338.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 11th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 309.

[Third Publication.]

PACIFIC OCEAN, SOUTH—SAMOA ISLANDS—TUTUILA ISLAND.

Pango Pango harbour—Leading lights established.

THE British Admiralty has given notice (No. 694 of 1901) that two *red fixed* leading lights, visible 3 miles, have been established on the northern shore of Pango Pango harbour, Tutuila island.

The front light, elevated 20 feet above the sea, is shown from an iron standard situated immediately in front of the new Catholic church and about 10 yards from high-water mark.

The rear light, elevated 75 feet above the sea, is shown from a similar standard, situated 1 cable N. 27° W. from the front light.

These lights in line bearing N. 27° W. lead into Pango Pango harbour.

Approximate position, lat. 14° 18′ S., long. 170° 40′ W.

A *red* lantern light is shown from the end of the pier in front of the Custom house.

This Notice affects the following Admiralty Chart :—Samoa islands, No. 1730 : Also, List of Lights, part VII, 1901, page 88; and Pacific Islands, vol. II, 1900, page 107.

E. J. BEAUMONT, COMDR., R.I.M.,
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Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 11th October 1901.*

APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, NOVEMBER 6, 1901.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 316.

[First Publication.]

BAY OF BENGAL—ORISSA COAST.

Balasore light.

WITH reference to Notice to Mariners No. 215, dated the 31st August 1900, issued by Office, the Port Officer, Cuttack and Balasore ports, has given further notice that the asore light, exhibited from the Chandipur flagstaff, is a sixth order light, between the rings of S. 35° W. through W. to N. 35° E. magnetic, in every direction seaward, and ible in clear weather at a distance of 10 miles.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 28th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 317.

[First Publication.]

AUSTRALIA—MORETON BAY.

Pilotage cruising ground.

THE Acting Portmaster, Brisbane, has given notice (No. 19 of 1901) that Masters of vessels departing by way of the North-west Channel, Moreton bay, are reminded that Pilots should be discharged at or within the prescribed Pilot Cruising Ground off the entrance to the North Channel. This is necessary to prevent delay to vessels arriving from the South requiring Pilots.

Charts affected—Nos. 1670, 1029, 1068; and Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 29th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 318.

[First Publication.]

AUSTRALIA—MORETON BAY, NORTH CHANNEL.

New entrance leading light.

THE Acting Portmaster, Brisbane, has given notice (No. 20 of 1901) that on and after 14th October a light will be exhibited from the western slope of Howard Range, Moreton Island, in the following position:—

Comboyuro Point light bearing N. 29° W., distant $2\frac{4}{10}$ miles.

The light will be white, placed in a square white light room, at an elevation of about 200 feet above sea-level, and will be visible over an arc of about 15 degrees from S. 22° E. to S. 37° E. It is a 4th order holophote, and with Comboyuro Point Light in line forms a lead past the East Banks.

Directions.

Vessels entering from seaward will proceed as hitherto, crossing the line of Cowan Cowan and Tangaluma Lights and continuing until the new high light comes in line with Comboyuro Point Light bearing S. 29° E. Keep this line until the Yellow Patch Light shuts out, when haul quickly to the eastward and make the Tangaluma-Cowan lead. Keep this line and continue as before.

Vessels outward bound will keep the Tangaluma lead until the Yellow Patch light opens, when they must haul quickly to the westward and gain the new lead on a S. 29° E. bearing. Keep this line until Yellow Patch and Cape Moreton are in line, or nearly so, when haul out and proceed as hitherto.

Charts affected—Nos. 1029, 1068, 1670a; and Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 29th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 319.

[First Publication.]

AUSTRALIA—TORRES STRAIT, INNER ROUTE.

Melville passage and off Pipon island—Shoals.

THE Acting Portmaster, Brisbane, has given notice (No. 21 of 1901) that Commander Monro, of H.M.S. *Dart*, reports the existence of shoals in the following positions, viz.: —

Barrier Reef Passages—Melville Passage.—A shoal with 3 fathoms on it lies in the centre of the passage. From this patch the S.W. end of No. 2 sandbank bears S. 72° E, distant 1 mile.

Latitude	...	...	...	13° 58¼′ S.
Longitude	...	...	...	144° 29′ E.

Pipon island.—Foul ground extends off the northern end of Pipon Island Reef nearly 1¼ miles. A rock carrying only 3 feet at low water lies in this foul ground. From the rock Pipon Island Lighthouse bears S. 8° W., distant 2 miles.

Latitude	...	...	...	14° 5¼′ S.
Longitude	...	...	...	144° 31¼′ E.

Chart affected—No. 2922; and Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 29th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 320.

[First Publication.]

AUSTRALIA—TORRES STRAIT, INNER ROUTE.

Cape Melville—Shoal off Rocky point.

THE Acting Portmaster, Brisbane, has given notice (No. 22 of 1901) that Commander Munro, of H.M.S. *Dart*, reports that shoal water, with less than 1 fathom in places, extends nearly 1¼ miles off Rocky Point, south of Cape Melville.

Approximate position—Latitude ... ... 14° 14′ S.
Longitude ... ... 144° 35½′ E.

Masters of vessels are therefore cautioned to closely follow the route recommended hereabouts.

Chart affected—No. 2922; Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 29th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 321.

[First Publication.]

INDIA, WEST—BOMBAY COAST.

Alleppey anchorage—Buoys.

THE Master Attendant, Alleppey, has given notice that the Buoys marking the anchorage have been put out; their positions being about as follows:—

Red (Northern) Buoy.
Bearing to Light-house N. 77 E.
Do. Port Pillar N. 72 E.
Depth of water 4½ to 5 fathoms.

Black (Southern) Buoy.
Bearing to Light-house N. 58 E.
Do. Port Pillar N. 53 E.
Depth of water 4 to 4½ fathoms.

N.B.—Ordinarily the proper anchorage will be between the Buoys; but, as the mud bank has been here for some weeks, and shifts rapidly, Commanders may be asked to alter their positions slightly, to enable the cargo boats to take full advantage of the smooth water.

The depth of water given is not reliable for the above reason: the lead must be used when approaching the anchorage.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 29th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 322.

[First Publication.]

BAY OF BENGAL—ORISSA COAST.

Balasore anchoring buoy adrift.

A TELEGRAPHIC communication has been received from the Port Officer, Cuttack and Balasore ports, stating that the Balasore anchoring buoy which has broken adrift will be recovered and placed in position as soon as possible.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 29th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 323.

[First Publication.]

INDIA, SOUTH—CEYLON COAST.

Palk strait—Wreck in East channel.

THE British Admiralty has given notice (No. 708 of 1901) that a wreck, with two masts showing about 4 feet above water, lies sunk in the East channel, Palk strait, with Kankesantura light-house bearing S. 19° W., distant 9 miles, and point Pedro, S. 49° E.

Approximate position on Chart No. 2197, lat. 9° 57½′ N., long. 80° 5½′ E.

(*Variation Nil in 1901.*)

This Notice temporarily affects the following Admiralty Charts:—Palk strait, &c., No. 68a; point Pedro to Delft island, No. 2197: Also, Bay of Bengal Pilot, 1901, page 123.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 29th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 324.

[First Publication.]

CHINA SEA—CARIMATA STRAIT.

Montaran islands—Reef south-east of Gampal (Telagapat) island.

THE British Admiralty has given notice (No. 709 of 1901) of the existence of a detache reef, about 1½ cables in length, with a least depth of 2 feet over it, situated to th eastward of Gampal (Telagapat) island, with the south-west point of that island N. 53° W., and the centre of Sekumpul island N. 13° W.

The general depth over this reef is 2 fathoms, and the water shows but discolouration.

Approximate position, lat. 2° 35′ 5″ S., long. 108° 34′ 55″ E.

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty Chart:—Carimata strait, No. 2160: Also China Sea Directory, vol. I, 1896, page 480.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 29th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 325.

[First Publication.]

AUSTRALIA—QUEENSLAND.

Keppel bay—Signal for Pilot.

THE British Admiralty has given notice (No. 710 of 1901) that when telegraphic communication is interrupted between cape Capricorn and the Pilot station, Keppel bay, a red light will be exhibited from cape Capricorn.

A vessel requiring a pilot should on such occasions make the signal for one as soon a it would be visible from the Pilot station.

Approximate position of Pilot station, lat. 23° 28′ S., long. 151° 2′ E.

This Notice affects the following Admiralty Chart:—Keppel bay and islands, No. 36 Also, Light List, part VI, 1901, No. 1270; and Australia Directory, vol. II, 1898, page 190

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Departmen

CALCUTTA, *the 29th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 326.

[First Publication.]

NEW ZEALAND—SOUTH ISLAND.

Timaru—Light established on eastern breakwater.

THE British Admiralty has given notice (No. 714 of 1901) that, on and after the 1st August 1901, a *white fixed* light would be exhibited, at an elevation of 55 feet above high water, from the outer end of the staging for the extension of the eastern breakwater, now under construction at Timaru.

The light is visible from the bearing of W. N. W., through west and south, to S. E., a distance of 5 miles.

Approximate position, lat. 44° 23′ S., long. 171° 19′ E.

(*Variation 16° Easterly in 1901.*)

This Notice affects the following Admiralty Chart:—Ninety miles beach to Otago with plan of Timaru harbour, No. 2532: Also, List of Lights, part VI, 1901, page 240; and New Zealand Pilot, 1901, page 285.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 29th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 327.

[First Publication.]

NEW ZEALAND—NORTH ISLAND.

Hauraki gulf—Rock off Tiri Tiri Matangi island.

THE British Admiralty has given notice (No. 715 of 1901) of the existence of a [illegible] rock, with a depth of 10 feet over it, situated 2¼ cables from the north-western [illegible] Tiri Tiri Matangi island, with the north extreme of the island bearing N. 67 E. and [illegible]uth-west extreme S. 37° E.

Approximate position, lat. 36° 35¾′ S., long. 174° 54′ E.

(*Variation 14° Easterly in 1901.*)

This Notice affects the following Admiralty Chart:—New Zealand, sheet II, Tutukaka harbour to Mayor island, No. 2543: Also, New Zealand Pilot, 1901, page 48.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 29th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 328.

[First Publication.]

CHINA SEA—PALAWAN, SOUTH-WEST COAST.

North Balabac strait—Reef to the N. N. W.

THE British Admiralty has given notice (No. 716 of 1901) that the Master of the S.S. *Murex* reports the existence of a reef, apparently small in extent, on which his vessel struck, situated in the northern approach to the North Balabac strait, with Balabac peak bearing about S. 15° E., distant 34 miles.

No soundings were obtained on the reef, but immediately after striking a depth of [illegible] fathoms was obtained.

Approximate position, lat. 8° 29′ N., long. 116° 54′ E.

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—China sea, No. 2660b; Palawan island, No. 967: Also, China Sea Directory, vol. II, 1899, pages 207, 232.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 29th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 329.

[First Publication.]

BAY OF BENGAL—BURMA COAST.

Rangoon river entrance—Lights to be carried by the Pilot brig "Guide."

WITH reference to Notice to Mariners No. 299, dated 5th October, issued by this Office, the Deputy Conservator of the port of Rangoon has given further notice concerning the exhibition of lights by the Pilot brig *Guide* whilst at anchor. The white light forward will be hoisted at the starboard fore-topsail yard arm.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 30th October 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 330.

[First Publication.]

CHINA SEA—ANNAM.

Tourane bay—Beacon established on Canton rock.

THE British Admiralty has given notice (No. 737 of 1901) that a wooden triangular beacon, painted in red and black horizontal bands, has been erected on the Canton rock, situated on the south side of the entrance to Tourane bay.

The top of the beacon is 11 feet above high water; it is intended to surmount attached with a black ball.

Approximate position, lat. 16° 9½′ N., long. 108° 13¼′ E.

This Notice affects the following Admiralty Chart:—Fan Rang bay to Tong King with plan of Tourane bay, No. 1342: Also, China Sea Directory, vol. II, 1899, page 419.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 2nd November 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 331.

[First Publication.]

EASTERN ARCHIPELAGO.

Errata to Notices to Mariners Nos. 92-397, 432 and 607 of 1901, issued by the British Admiralty.

WITH reference to Notice to Mariners No. 58, dated 9th March, No. 206, dated 6th July, No. 432, dated 13th July, and No. 279, dated 30th September 1901, issued by this office, the British Admiralty has given further notice (No. 743 of 1901) that information, dated 21st September 1901, has been received from the Netherlands Hydrographer, that the periods of the *occulting* lights on the undermentioned buoys should be amended as follows:—

SURABAYA STRAIT.

1. NOTICE No. 92 OF 1901.—Pisangs reef buoy.—For "every forty seconds (light, twenty second; eclipse, twenty seconds)," read "*every twenty seconds* (light, *ten seconds*; eclipse, *ten seconds*)."

Approximate position, lat. 7° 11′ S., long. 112° 41′ E.

BARITO RIVER ENTRANCE.

2. NOTICE No. 397 OF 1901.—Section 1. Fairway buoy.—For "every forty seconds, thus:—light, twenty-five seconds; eclipse, fifteen seconds," read "*every twenty-five seconds*, thus:—light, *fifteen seconds*; eclipse, *ten seconds*."

Section 2. White conical buoy, situated 3½ miles S. 62° W. from Burung point. For "every thirty seconds, thus:—light, twenty seconds; eclipse, ten seconds," read "*every twenty seconds*, thus:—light, *ten seconds*; eclipse, *ten seconds*."

Approximate position, Burung point, lat. 3° 34′ S., long. 114° 30′ E.

PULO LAUT STRAIT.

3. NOTICE No. 432 OF 1901.—Section *b*. Buoy situated 13 cables S. 2° E. from Suangi low light.—For "every thirty seconds," read "*every twenty seconds*, thus:—light, *ten seconds*; eclipse, *ten seconds*."

Section *c*. Black buoy, situated about 13 cables S. 50° W. from Ayun point.—For "every thirty seconds," read "*every twenty seconds*, thus:—light, *ten seconds*; eclipse, *ten seconds*."

Approximate position, Ayun point, lat. 3° 18′ S., long. 116° 6½′ E.

KONINGINNE BAY APPROACH.

4. NOTICE No. 607 OF 1901.—Malbro' shoal buoy.—For "every thirty seconds, thus:—light, twenty seconds; eclipse, ten seconds," read "*every twenty seconds*, thus:—light, *ten seconds*; eclipse, *ten seconds*."

Approximate position, lat. 1° 2′ S., long. 100° 20½′ E.

This Notice affects the following Admiralty Charts:—(1) Surabaya strait on sheet No. 934: Also, Eastern Archipelago, part II, 1893, page 143; and Supplement, 1899, page 1. (2) Plan of Barito river on sheet No. 2662: Also, Eastern Archipelago, part II, 1893, page 296; and Supplement, 1899, page 32. (3) Plan of Pulo Laut strait on sheet No. 2662: Also, Eastern Archipelago, part II, 1893, pages 310, 311; and Supplement, 1899, pages 35. (4) Koninginne bay, No. 212: Also, China Sea Directory, vol. I, 1896, page [illegible]; and Supplement, 1899, page 20.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 2nd November 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 332.

[First Publication.]

EASTERN ARCHIPELAGO—PULO LAUT STRAIT.

Buoy north of Suangi island withdrawn.

THE British Admiralty has given notice (No. 744 of 1901) that the black can buoy, moored on the bank between Suangi and Tampakan islands, Pulo Laut strait, will be withdrawn.

Approximate position, lat. 3° 24′ S., long. 116° 2′ E.

This Notice affects the following Admiralty Chart:—Plan of Pulo Laut strait on sheet No. 2662: Also, Eastern Archipelago, part II, 1893, page 211; and Supplement, 1899, page 35.

E. J. BEAUMONT, COMDR., R.I.M.,
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GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 333.

[First Publication.]

EASTERN ARCHIPELAGO—CELEBES ISLAND, NORTH COAST.

Kwandang bay—Reef southward of Tanjong Besaor.

THE British Admiralty has given notice (No. 746 of 1901) of the existence of a reef with a depth of 6 feet over it, situated in the eastern part of Kwandang bay, with the islet

off Tanjong Besaor bearing N. 11° E., distant $2\frac{6}{10}$ miles, and the summit of Hulapa island N. 73° W.

Approximate position, lat. 0° 55′ 10″ N., long. 122° 56′ 5″ E.

(Variation 2° Easterly in 1901.)

This Notice affects the following Admiralty Chart :—Panang to Pulo Motuo, No. 3195 : Also, Eastern Archipelago, part II, 1893, page 384.

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GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 334.

[First Publication.]

EASTERN ARCHIPELAGO—CELEBES ISLAND, NORTH COAST.

Kwandang bay—Beacons established.

THE British Admiralty has given notice (No. 747 of 1901) that, during the month of October 1901, the undermentioned beacons would be established in Kwandang bay :—

1. A screw pile beacon, surmounted by a black cone, on the south edge of the Antoinette reef.
   Approximate position, lat. 0° 56′ 30″ N., long. 122° 55′ 00″ E.
2. A screw pile beacon, surmounted by a white globe, on the north edge of the Phœnix reef.
   Approximate position, lat. 0° 54′ 00″ N., long. 122° 54′ 20″ E.
3. A screw pile beacon, surmounted by a black cone, on the south edge of the reef lying about $1\frac{3}{4}$ miles to the northward of Otangala island.

   Approximate position, lat. 0° 56′ 10″ N., long. 122° 48′ 10″ E.

This Notice affects the following Admiralty Charts :—Panang to Pulo Motuo, No. 31[illegible] Also, Eastern Archipelago, part II, 1893, page 384.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 2nd November 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 335.

[First Publication.]

BAY OF BENGAL—ORISSA COAST.

Balasore anchoring buoy re-laid.

WITH reference to Notice to Mariners No. 322, dated the 29th October, issued by this office, the Port Officer, Balasore and Cuttack ports, has given further notice that the Balasore anchoring buoy has been relaid in former position, in 18 feet reduced.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 4th November 1901.*